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# CATALOGUE

OF THE

# COLLECTION

OF

# BIRDS' EGGS

IN THE

# BRITISH MUSEUM.

## VOLUME III.

LONDON:
PRINTED BY ORDER OF THE TRUSTEES.
1903.

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# CATALOGUE

OF THE

COLLECTION

OF

# BIRDS' EGGS

IN THE

# BRITISH MUSEUM
(NATURAL HISTORY).

## VOLUME III.

CARINATÆ (PSITTACIFORMES—PASSERIFORMES).

BY

EUGENE W. OATES.

ASSISTED BY

CAPT. SAVILE G. REID.

LONDON:
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BRITISH MUSEUM (NATURAL HISTORY), CROMWELL ROAD, S.W.
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# PREFACE.

I REGRET that, owing to the ill-health of Mr. Oates, it has been found necessary to entrust the completion of the 'Catalogue of Birds' Eggs' to other hands.

The manuscript prepared by him was in a forward state, and the Trustees have been fortunate in securing the co-operation of a well-known Ornithologist, Capt. Savile Reid, who has revised the manuscript and the proofs. Capt. Reid has also written the Index to the present volume, and has incorporated in the text references to the specimens recently received by the Museum.

E. RAY LANKESTER,
*Director.*

British Museum (Natural History),
July 7, 1903.

# INTRODUCTION.

In this third volume, the *Carinatæ* are continued from the *Psittaciformes* to the end of the family *Pycnonotidæ* of the Order *Passeriformes*, the contents thus exactly corresponding to those of Volumes II. and III. of Dr. Bowdler Sharpe's 'Hand-list of the Genera and Species of Birds.'

The total number of species included is 907, and the number of eggs catalogued 8,474, as shown in the following table:—

Carinatæ.

| Order. | No. of species. | No. of specimens of eggs. |
|---|---|---|
| Psittaciformes ........ | 82 | 332 |
| Coraciiformes ........ | 216 | 1991 |
| Trogones ............ | 12 | 70 |
| Coccyges ............ | 57 | 844 |
| Scansores ............ | 14 | 121 |
| Piciformes ............ | 72 | 894 |
| Eurylæmiformes ...... | 7 | 62 |
| Menuriformes ........ | 3 | 19 |
| Passeriformes ........ | 444 | 4141 |
| Total .... | 907 | 8,474 |

SAVILE G. REID.

May 30, 1903.

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# ERRATA.

Page 221. **Rupicola rupicola.**
*For* "Plate VI. fig. 18" *read* "fig. 17."

Page 228. **Pitta mülleri.**
*For* "Plate VI. fig. 17" *read* "fig. 18."

# CATALOGUE

# OF

# BIRDS' EGGS.

## VOL. III.

---

## Sub-Class **CARINATÆ.**

## Order PSITTACIFORMES.

The eggs of the Parrots are invariably plain white. The shell is firm and compact in texture and frequently pitted with small pores. Typically the eggs are of an oval shape, but in every series specimens of an elliptical or spheroidal form are to be met with. The shell seldom exhibits any large amount of gloss, and the eggs of the majority of the species are completely devoid of it.

## Family NESTORIDÆ.

### Genus **NESTOR**, *Wagl.*

### **Nestor notabilis**, *Gould.*

Nestor notabilis, *Potts, Tr. N. Z. Inst.* iii. p. 86 (1870); *Buller, Birds New Zeal.* 2nd ed. i. p. 166 (1888); *Salvadori, Cat. Birds B. M.* xx. p. 4 (1891); *Sharpe, Hand-l.* ii. p. 1 (1900).

The eggs of the Kea Parrot measure from 1·63 to 1·72 in length, and from 1·22 to 1·32 in breadth.

| | | |
|---|---|---|
| 2. | New Zealand. | Crowley Bequest. |
| 4. | Waia River, New Zealand, Jan. | Crowley Bequest. |

### **Nestor meridionalis** (*Gm.*).

Nestor meridionalis, *Potts, Tr. N. Z. Inst.* ii. p. 64 (1869); iii. p. 81 (1870); *Buller, Birds New Zeal.* 2nd ed. i. p. 150 (1888); *Salvadori, Cat. Birds B. M.* xx. p. 5 (1891); *Sharpe, Hand-l.* ii. p. 1 (1900).

The eggs of the Kaka Parrot measure from 1·5 to 1·75 in length, and from 1·21 to 1·27 in breadth.

| | | |
|---|---|---|
| 2. | New Zealand. | Crowley Bequest. |
| 5. | Wilberforce River, New Zealand, Jan. (*Field Coll.*). | Crowley Bequest. |

## Family LORIIDÆ.

### Genus **TRICHOGLOSSUS**, *Vig. & Horsf.*

**Trichoglossus novæ-hollandiæ** (*Gm.*).

Trichoglossus multicolor, *Gould, Handb. Birds Austr.* ii. p. 93 (1865).
Trichoglossus novæhollandiæ, *North, Nests & Eggs Austr. Birds*, p. 266, pl. xiv. fig. 8 (1889); *Salvadori, Cat. Birds B. M.* xx. p. 57 (1891); *Nehrk. Kat. Eiersamml.* p. 174 (1899); *Sharpe, Hand-l.* ii. p. 5 (1900); *Campbell, Nests & Eggs Austr. Birds*, ii. p. 592 (1901).

The eggs of the Blue-bellied Lorikeet measure from 1·07 to 1·1 in length, and from ·81 to ·89 in breadth.

| | | |
|---|---|---|
| 1. | Australia. | Crowley Bequest. |
| 1. | Moreton Bay, Queensland. | Gould Coll. |
| 2. | Dawson River, Queensland, 28th Aug. (*North Coll.*). | Crowley Bequest. |
| 1. | New South Wales. | Gould Coll. |

### Genus **PSITTEUTELES**, *Bp.*

**Psitteuteles chlorolepidotus** (*Kuhl*).

Trichoglossus chlorolepidotus, *Gould, Handb. Birds Austr.* ii. p. 96 (1865); *North, Proc. Linn. Soc. N.S.W.* (2) ii. p. 986 (1887); *id. Nests & Eggs Austr. Birds*, p. 267, pl. xiv. fig. 12 (1889).
Psitteuteles chlorolepidotus, *Salvadori, Cat. Birds B. M.* xx. p. 65 (1891); *Sharpe, Hand-l.* ii. p. 6 (1900); *Campbell, Nests & Eggs Austr. Birds*, ii. p. 594 (1901).

An egg of the Scaly-breasted Lorikeet in the Collection measures 1·02 by ·81.

| | | |
|---|---|---|
| 1. | Queensland, Nov. (*North Coll.*). | Crowley Bequest. |

### Genus **GLOSSOPSITTACUS**, *Bp.*

**Glossopsittacus concinnus** (*Shaw*).

Glossopsitta australis, *Gould, Handb. Birds Austr.* ii. p. 100 (1865); *North, Nests & Eggs Austr. Birds*, p. 268 (1889).
Glossopsittacus concinnus, *Salvadori, Cat. Birds B. M.* xx. p. 69 (1891); *Sharpe, Hand-l.* ii. p. 6 (1900); *Campbell, Nests & Eggs Austr. Birds*, ii. p. 595 (1901).

Three eggs of the Musk-Lorikeet measure respectively: ·97 by ·78; ·93 by ·75; ·9 by ·77.

| | | |
|---|---|---|
| 3. | Australia. | Crowley Bequest. |

### **Glossopsittacus pusillus** (*Shaw*).

Glossopsitta pusilla, *Gould, Handb. Birds Austr.* ii. p. 104 (1865); *North, Nests & Eggs Austr. Birds*, p. 268 (1889).
Glossopsittacus pusillus, *Salvadori, Cat. Birds B. M.* xx. p. 71 (1891); *Nehrk. Kat. Eiersamml.* p. 174 (1899); *Sharpe, Hand-l.* ii. p. 6 (1900); *Campbell, Nests & Eggs Austr. Birds*, ii. p. 597 (1901).

The eggs of the Little Lorikeet measure from ·74 to ·79 in length, and from ·64 to ·68 in breadth.

| | | |
|---|---|---|
| 3. | Dawson River, Queensland, 18th Sept. (*North Coll.*). | Crowley Bequest. |
| 2. | Murray River, Victoria, 30th Sept. (*North Coll.*). | Crowley Bequest. |

### Genus **HYPOCHARMOSYNA**, *Salvad.*

### **Hypocharmosyna wilhelminæ** (*A. B. Meyer*).

Psitteuteles wilhelminæ, *Gould, Birds New Guinea*, v. pl. 19 (1876).
Hypocharmosyna wilhelminæ, *Salvadori, Cat. Birds B. M.* xx. p. 73 (1891); *Sharpe, Hand-l.* ii. p. 6 (1900).

The eggs of Wilhelmina's Lorikeet in the Collection measure respectively: ·67 by ·53; ·66 by ·53.

| | | |
|---|---|---|
| 2. | S.E. New Guinea. | Herr Weiske [C.]. |

## Family CACATUIDÆ.

## Sub-Family CACATUINÆ.

### Genus **MICROGLOSSUS**, *Vieill.*

### **Microglossus aterrimus** (*Gm.*).

Microglossum aterrimum, *Gould, Handb. Birds Austr.* ii. p. 27 (1865); *North, Nests & Eggs Austr. Birds*, p. 254 (1889).
Microglossus aterrimus, *Salvadori, Cat. Birds B. M.* xx. p. 103 (1891); *Le Souëf, Ibis*, 1898, p. 56; *Sharpe, Hand-l.* ii. p. 9 (1900); *Campbell, Nests & Eggs Austr. Birds*, ii. p. 600 (1901).

An egg of the Palm Cockatoo in the Collection measures 1·86 by 1·48.

| | | |
|---|---|---|
| 1. | Cape York, N. Australia. | Gould Coll. |

## Genus **CALYPTORHYNCHUS**, *Vig. & Horsf.*

### **Calyptorhynchus baudini**, *Vig.*

Calyptorhynchus baudini, *Gould, Handb. Birds Austr.* ii. p. 25 (1865); *North, Nests & Eggs Austr. Birds*, p. 253 (1889); *Salvadori, Cat. Birds B. M.* xx. p. 106 (1891); *Le Souëf, Vict. Nat.* xvi. p. 102 (1899); *Sharpe, Hand-l.* ii. p. 10 (1900); *Campbell, Nests & Eggs Austr. Birds*, ii. p. 601 (1901).

An egg of the White-tailed Cockatoo measures 1·9 by 1·43.

| | |
|---|---|
| 1. West Australia (*G. J. Bostock: Tristram Coll.*). | Crowley Bequest. |

### **Calyptorhynchus funereus** (*Shaw*).

Calyptorhynchus funereus, *Gould, Handb. Birds Austr.* ii. p. 20 (1865); *North, Nests & Eggs Austr. Birds*, p. 253 (1889); *Salvadori, Cat. Birds B. M.* xx. p. 107 (1891); *Sharpe, Hand-l.* ii. p. 10 (1900); *Campbell, Nests & Eggs Austr. Birds*, ii. p. 602 (1901).

Three eggs of the Funereal Cockatoo measure respectively: 1·81 by 1·3; 1·94 by 1·4; 1·99 by 1·37.

| | |
|---|---|
| 1. Dawson River, Queensland, 11th Jan. (*North Coll.*). | Crowley Bequest. |
| 2. Port Lincoln, S. Australia (*G. French Angas*). | Gould Coll. |

### **Calyptorhynchus stellatus**, *Wagl.*

Calyptorhynchus naso, *Gould, Handb. Birds Austr.* ii. p. 17 (1865); *North, Nests & Eggs Austr. Birds*, p. 252 (1889).
Calyptorhynchus stellatus, *Salvadori, Cat. Birds B. M.* xx. p. 111 (1891); *Sharpe, Hand-l.* ii. p. 10 (1900); *Campbell, Nests & Eggs Austr. Birds*, ii. p. 608 (1901).

An egg of the Western Black Cockatoo in the Collection measures 1·81 by 1·4.

| | |
|---|---|
| 1. Fink River, Central Australia. | Crowley Bequest. |

### **Calyptorhynchus viridis** (*Vieill.*).

Calyptorhynchus leachii, *Gould, Handb. Birds Austr.* ii. p. 18 (1865).
Calyptorhynchus viridis, *Salvadori, Cat. Birds B. M.* xx. p. 112 (1891); *Sharpe, Hand-l.* ii. p. 10 (1900); *Campbell, Nests & Eggs Austr. Birds*, ii. p. 609 (1901).

An egg of Leach's Cockatoo in the Collection is considerably larger than typical eggs of this species, the dimensions of which are given by Mr. Campbell. It measures 1·82 by 1·32.

| | |
|---|---|
| 1. Wambangalang, New South Wales, April (*A. J. North*). | Crowley Bequest. |

## Genus **CACATUA**, *Vieill.*

### Cacatua galerita (*Lath.*).

Psittacus galeritus, *Thien. Fortpflanz. ges. Vög.* p. 78, tab. xiv. fig. 13 (1845–54).

Cacatua galerita, *Gould, Handb. Birds Austr.* ii. p. 2 (1865); *North, Nests & Eggs Austr. Birds*, p. 250 (1889); *Salvadori, Cat. Birds B. M.* xx. p. 116 (1891); *Nehrk. Kat. Eiersamml.* p. 174 (1899); *Sharpe, Hand-l.* ii. p. 10 (1900); *Campbell, Nests & Eggs Austr. Birds*, ii. p. 611 (1901).

The eggs of the Greater Sulphur-crested Cockatoo measure from 1·69 to 2·16 in length, and from 1·14 to 1·37 in breadth.

| | | |
|---|---|---|
| 2. | Australia. | Crowley Bequest. |
| 2. | Dawson River, Queensland, 16th Sept. (*North Coll.*). | Crowley Bequest. |
| 1. | Deniliquin, New South Wales, 16th Aug. (*North Coll.*). | Crowley Bequest. |
| 3. | South Australia. | Gould Coll. |
| 1. | North Queensland, 14th June. | W. Radcliffe Saunders, Esq. [P.]. |

### Cacatua sulphurea (*Gm.*).

Cacatua sulphurea, *Salvadori, Cat. Birds B. M.* xx. p. 121 (1891); *Meyer & Wigglesworth, Birds Celebes*, i. p. 128 (1898); *Nehrk. Kat. Eiersamml.* p. 174 (1899); *Sharpe, Hand-l.* ii. p. 10 (1900).

An egg of the Lesser Sulphur-crested Cockatoo in the Collection measures 1·6 by 1·12.

| | | |
|---|---|---|
| 1. | Celebes (*Nehrkorn Coll.*). | Crowley Bequest. |

### Cacatua leadbeateri (*Vig.*).

Cacatua leadbeateri, *Gould, Handb. Birds Austr.* ii. p. 5 (1865); *North, Nests & Eggs Austr. Birds*, p. 251, pl. 14. fig. 2 (1889); *Salvadori, Cat. Birds B. M.* xx. p. 123 (1891); *Sharpe, Hand-l.* ii. p. 11 (1900); *Campbell, Nests & Eggs Austr. Birds*, ii. p. 612 (1901).

Two eggs of Leadbeater's Cockatoo measure respectively: 1·42 by 1·11; 1·37 by 1·05.

| | | |
|---|---|---|
| 2. | Ivanhoe, New South Wales, 10th Aug. (*A. J. North*). | Crowley Bequest. |

### Cacatua goffini (*Finsch*).

Cacatua goffini, *Salvadori, Cat. Birds B. M.* xx. p. 129 (1891); *Sharpe, Hand-l.* ii. p. 11 (1900).

Two eggs of Goffin's Cockatoo measure respectively: 1·56 by 1·1; 1·52 by 1·17.

| | | |
|---|---|---|
| 1. | [Laid in confinement.] | Crowley Bequest. |
| 1. | [Laid in confinement, 19th Sept.] | Crowley Bequest. |

### **Cacatua ducorpsi**, *Jacq. & Pucher.*

Cacatua ducorpsi, *Salvadori, Cat. Birds B. M.* xx. p. 129 (1891); *Sharpe, Hand-l.* ii. p. 11 (1900).

Two eggs of Ducorps's Cockatoo measure respectively: 1·47 by 1·1; 1·48 by 1·1.

| | | |
|---|---|---|
| 1. | Solomon Islands. | Crowley Bequest. |
| 1. | [Laid in confinement.] | Crowley Bequest. |

### **Cacatua roseicapilla**, *Vieill.*

Cacatua roseicapilla, *Gould, Handb. Birds Austr.* ii. p. 8 (1865); *North, Nests & Eggs Austr. Birds,* p. 251, pl. xiv. fig. 3 (1889); *Salvadori, Cat. Birds B. M.* xx. p. 132 (1891); *Sharpe, Hand-l.* ii. p. 11 (1900); *Campbell, Nests & Eggs Austr. Birds,* ii. p. 617 (1901).

Three eggs of the Roseate Cockatoo measure respectively: 1·4 by 1; 1·36 by 1·1; 1·3 by 1.

| | | |
|---|---|---|
| 3. | New South Wales, 13th Sept. (*A. J. North*). | Crowley Bequest. |

## Genus **LICMETIS**, *Wagl.*

### **Licmetis pastinator**, *Gould.*

Licmetis pastinator, *Gould, Handb. Birds Austr.* ii. p. 12 (1865); *Salvadori, Cat. Birds B. M.* xx. p. 134 (1891); *Sharpe, Hand-l.* ii. p. 11 (1900); *Campbell, Nests & Eggs Austr. Birds,* ii. p. 620 (1901).

Two eggs of the Western Slender-billed Cockatoo measure respectively: 1·69 by 1·2; 1·65 by 1·18.

| | | |
|---|---|---|
| 2. | West Australia. | Gould Coll. |

# Sub-Family CALOPSITTACINÆ.

## Genus **CALOPSITTACUS**, *Less.*

### **Calopsittacus novæ-hollandiæ** (*Gm.*).

Calopsitta novæ-hollandiæ, *Gould, Handb. Birds Austr.* ii. p. 84 (1865); *North, Nests & Eggs Austr. Birds,* p. 254, pl. xiv. fig. 9 (1889).
Calopsittacus novæ-hollandiæ, *Salvadori, Cat. Birds B. M.* xx. p. 135 (1891); *Nehrk. Kat. Eiersamml.* p. 175 (1899); *Sharpe, Hand-l.* ii. p. 11 (1900); *Campbell, Nests & Eggs Austr. Birds,* ii. p. 621 (1901).

The eggs of the Cockateel measure from ·95 to 1·13 in length, and from ·68 to ·83 in breadth.

| | | |
|---|---|---|
| 1. | Australia. | Old Collection. |
| 2. | Australia. | E. A. Smith, Esq. [P.]. |

| | | |
|---|---|---|
| 2. | Australia (*Gould Coll.*). | Crowley Bequest. |
| 2. | New South Wales. | Gould Coll. |
| 2. | Lachlan River, N S.W., 21st Sept. (*A. J. North*). | Crowley Bequest. |
| 2. | South Australia. | Gould Coll. |
| 1. | Tasmania. | Gould Coll. |
| 2. | Laid in confinement (Zool. Gardens, London). | Salvin-Godman Coll. |
| 2. | Laid in confinement (Zool. Gardens, London). | Crowley Bequest. |

## Family PSITTACIDÆ.

### Sub-Family NASITERNINÆ.

### Genus **NASITERNA**, *Wagl.*

**Nasiterna pusio,** *Scl.*

Nasiterna pusio, *Gould, Birds New Guinea,* v. pl. 26 (1878); *Salvadori, Cat. Birds B. M.* xx. p. 144 (1891); *Nehrk. Kat. Eiersamml.* p. 175 (1899); *Sharpe, Hand-l.* ii. p. 12 (1900).

An egg of the Solomon Islands Pigmy Parrot in the Collection measures ·62 by ·52.

| | | |
|---|---|---|
| 1. | S.E. New Guinea. | Herr Weiske [C.]. |

### Sub-Family CONURINÆ.

### Genus **ARA**, *Cuvier.*

**Ara ararauna** (*Linn.*).

Ara ararauna, *Salvadori, Cat. Birds B. M.* xx. p. 152 (1891); *Sclater, Ibis,* 1895, p. 145; *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 564 (1897); *Nehrk. Kat. Eiersamml.* p. 175 (1899); *Sharpe, Hand-l.* ii. p. 13 (1900).
Ara arauna, *von Ihering, Rev. Mus. Paulista,* iv. p. 264 (1900).

The eggs of the Blue-and-Yellow Macaw in the Collection measure respectively: 1·6 by 1·25; 1·77 by 1·22; 1·9 by 1·38.

| | | |
|---|---|---|
| 2. | Laid in confinement, Tours, France, 28th July (*H. H. Sharland*). | P. L. Sclater, Esq. [P.]. |
| 1. | Guiana (*Nehrkorn Coll.*). | Crowley Bequest. |

**Ara militaris** (*Linn.*).

Ara militaris, *Salvadori, Cat. Birds B. M.* xx. p. 158 (1891); *Sclater, Ibis,* 1895, p. 145; *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 566 (1897); *Nehrk. Kat. Eiersamml.* p. 175 (1899); *Sharpe, Hand-l.* ii. p. 13 (1900).

The eggs of the Military Macaw in the Collection measure respectively: 1·83 by 1·17; 1·8 by 1·41.

1. Laid in confinement, Tours, France, June (*H. H. Sharland*). P. L. Sclater, Esq. [P.].
1. Mazatlan, Mexico (*A. Forrer*). Crowley Bequest.

### Ara hahni (*Souancé*).

Ara hahni, *Salvadori, Cat. Birds B. M.* xx. p. 168 (1891); *Sharpe, Hand-l.* ii. p. 14 (1900).

An egg of Hahn's Macaw in the Collection is in a very imperfect condition, and measures about 1·06 by ·87.

1. Laid in confinement, Castle Eden, Durham. R. Morton Middleton, Esq., Jun. [P.].

## Genus **CONURUS**, *Kuhl.*

### Conurus canicularis (*Linn.*).

Conurus canicularis, *Salvadori, Cat. Birds B. M.* xx. p. 201 (1891); *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 577 (1897); *Nehrk. Kat. Eiersamml.* p. 175 (1899); *Sharpe, Hand-l.* ii. p. 16 (1900).

Two eggs of the Red and Blue-headed Conure measure respectively: 1·05 by ·83; 1 by ·8.

2. Mazatlan, Mexico (*A. Forrer*). Crowley Bequest.

## Genus **CONUROPSIS**, *Salvadori.*

### Conuropsis carolinensis (*Linn.*).

Conurus carolinensis, *Baird, Brewer & Ridgw. N. Amer. Birds,* ii. p. 587 (1874); *Bendire, Life-Hist. N. Amer. Birds,* ii. p. 1, pl. i. fig. 1 (1895).
Conuropsis carolinensis, *Salvadori, Cat. Birds B. M.* xx. p. 203 (1891); *Nehrk. Kat. Eiersamml.* p. 175 (1899); *Sharpe, Hand-l.* ii. p. 16 (1900).

An egg of the Carolina Paroquet in the Collection measures 1·42 by 1·15.

1. North America (*Nehrkorn Coll.*). Crowley Bequest.

## Genus **HENICOGNATHUS**, *Gray.*

### Henicognathus leptorhynchus (*King*).

Henicognathus leptorhynchus, *Salvadori, Cat. Birds B. M.* xx. p. 209 (1891); *Sharpe, Hand-l.* ii. p. 16 (1900).

An egg of the Slender-billed Paroquet in the Collection measures 1·19 by ·98.

1. Chile. Crowley Bequest.

## Genus **MYOPSITTACUS**, *Bp.*

### **Myopsittacus monachus** (*Bodd.*).

Bolborhynchus monachus, *Dalgleish, Proc. Roy. Phys. Soc. Edin.* viii. p. 84 (1883–5); *Scl. & Huds. Argent. Orn.* ii. p. 43 (1889); *Holland, Ibis*, 1892, p. 203; *Aplin, Ibis*, 1894, p. 192.

Myopsittacus monachus, *Salvadori, Cat. Birds B. M.* xx. p. 231 (1891); *Nehrk. Kat. Eiersamml.* p. 175 (1899); *Sharpe, Hand-l.* ii. p. 18 (1900); *von Ihering, Rev. Mus. Paulista*, iv. p. 264 (1900).

The eggs of the Grey-breasted Paroquet measure from 1·03 to 1·14 in length, and from ·76 to ·85 in breadth.

| | | |
|---|---|---|
| 3. | Argentine Republic, Oct. | A. H. Holland, Esq. [C.]. |
| 2. | South America. | Crowley Bequest. |

## Genus **BOLBORHYNCHUS**, *Bp.*

### **Bolborhynchus aurifrons** (*Less.*).

Bolborhynchus aurifrons, *Salvadori, Cat. Birds B. M.* xx. p. 236 (1891); *Nehrk. Kat. Eiersamml.* p. 176 (1899); *Sharpe, Hand-l.* ii. p. 18 (1900).

An egg of the Golden-fronted Paroquet, laid in confinement, measures 1·1 by ·79.

| | | |
|---|---|---|
| 1. | Laid in confinement. | Crowley Bequest. |

## Genus **PSITTACULA**, *Ill.*

### **Psittacula cœlestis** (*Less.*).

Psittacula cœlestis, *Tacz. P. Z. S.* 1877, p. 753; *Salvadori, Cat. Birds B. M.* xx. p. 241 (1891); *Nehrk. Kat. Eiersamml.* p. 176 (1899); *Sharpe, Hand-l.* ii. p. 18 (1900).

An egg of the Peruvian Green Paroquet measures ·79 by ·64.

| | | |
|---|---|---|
| 1. | Peru (*Nehrkorn Coll.*). | Crowley Bequest. |

### **Psittacula passerina** (*Linn.*).

Psittacula passerina, *Salvadori, Cat. Birds B. M.* xx. p. 245 (1891); *Nehrk. Kat. Eiersamml.* p. 176 (1899); *Sharpe, Hand-l.* ii. p. 19 (1900); *von Ihering, Rev. Mus. Paulista*, iv. p. 265 (1900).

The egg of the Passerine Paroquet in the Collection measures ·82 by ·72.

| | | |
|---|---|---|
| 1. | Brazil (*Nehrkorn Coll.*). | Crowley Bequest. |

## Genus **BROTOGERYS**, *Vig.*

### **Brotogerys tirica** (*Gm.*).

Brotogerys tirica, *Salvadori, Cat. Birds B. M.* xx. p. 254 (1891); *Nehrk. Kat. Eiersamml.* p. 176 (1899); *Sharpe, Hand-l.* ii. p. 19 (1900); *von Ihering, Rev. Mus. Paulista*, iv. p. 265 (1900).

An egg of the Long-tailed Green Paroquet measures ·97 by ·83.

1. Sta. Catherina, Brazil. Crowley Bequest.

### Brotogerys chiriri (*Vieill.*).

Brotogerys xanthopterus, *Scl. & Salv. P. Z. S.* 1873, p. 300.
Brotogerys chiriri, *Salvadori, Cat. Birds B. M.* xx. p. 255 (1891); *Sharpe, Hand-l.* ii. p. 19 (1900).

An egg of the Orange-winged Paroquet in the Collection measures ·91 by ·75.

1. Upper Ucayali River (*E. Bartlett: Tristram Coll.*). Crowley Bequest.

### Brotogerys devillei (*Gray*).

Brotogerys devillei, *Salvadori, Cat. Birds B. M.* xx. p. 261 (1891); *Nehrk. Kat. Eiersamml.* p. 176 (1899); *Sharpe, Hand-l.* ii. p. 19 (1900); *von Ihering, Rev. Mus. Paulista,* iv. p. 265 (1900).

The egg of the Orange-throated Paroquet measures ·89 by ·78.

1. Peru (*Nehrkorn Coll.*). Crowley Bequest.

### Brotogerys gustavi, *Berlepsch.*

Brotogerys gustavi, *Salvadori, Cat. Birds B. M.* xx. p. 262 (1891); *Nehrk. Kat. Eiersamml.* p. 176 (1899); *Sharpe, Hand-l.* ii. p. 19 (1900).

An egg of Berlepsch's Paroquet measures 1·0 by ·75.

1. Peru (*Nehrkorn Coll.*). Crowley Bequest.

## Sub-Family PIONINÆ.

### Genus **AMAZONA**, *Less.*

### Amazona finschi (*Scl.*).

Chrysotis finschi, *Salvadori, Cat. Birds B. M.* xx. p. 298 (1891); *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 589 (1897); *Nehrk. Kat. Eiersamml.* p. 176 (1899).
Amazona finschi, *Sharpe, Hand-l.* ii. p. 21 (1900).

The eggs of Finsch's Amazon in the Collection measure respectively: 1·5 by 1·16; 1·45 by 1·15.

2. Mazatlan, Mexico (*A. Forrer*). Crowley Bequest.

### Amazona albifrons (*Sparrm.*).

Chrysotis albifrons, *Salvadori, Cat. Birds B. M.* xx. p. 311 (1891); *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 593 (1897).
Amazona albifrons, *Sharpe, Hand-l.* ii. p. 22 (1900).

Two eggs of the White-browed Amazon measure respectively: 1·2 by ·88; 1·18 by ·9.

| | | |
|---|---|---|
| 2. | Mazatlan, Mexico, 27th May (*A. Forrer*). | Crowley Bequest. |

### Genus **PIONUS**, *Wagl.*

#### **Pionus menstruus** (*Linn.*).

Pionus menstruus, *Salvadori, Cat. Birds B. M.* xx. p. 322 (1891); *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 595 (1897); *Nehrk. Kat. Eiersamml.* p. 176 (1899); *von Ihering, Rev. Mus. Paulista,* iv. p. 265 (1900); *Sharpe, Hand-l.* ii. p. 22 (1900).

The egg of the Red-vented Parrot in the Collection measures 1·4 by 1·08.

| | | |
|---|---|---|
| 1. | Medellin, Antioquia. | Crowley Bequest. |

### Genus **PŒOCEPHALUS**, *Swains.*

#### **Pœocephalus fuscicapillus** (*Verr. & Des Murs*).

Pœocephalus fuscicapillus, *Salvadori, Cat. Birds B. M.* xx. p. 368 (1891); *Sharpe, Ibis,* 1897, p. 502; *id. Hand-l.* ii. p. 25 (1900).
Green-and-Yellow Parrot, *R. B. & J. D. S. Woodward, Ibis,* 1898, p. 228.

The egg of the Brown-necked Parrot in the Collection measures 1·07 by ·9.

| | | |
|---|---|---|
| 1. | Zulu-land, S. Africa. | R. B. & J. D. S. Woodward [C.]. |

## Sub-Family PSITTACINÆ.

### Genus **PSITTACUS**, *Linn.*

#### **Psittacus erythacus**, *Linn.*

Psittacus erythacus; *Salvadori, Cat. Birds B. M.* xx. p. 377 (1891); *Nehrk. Kat. Eiersamml.* p. 176 (1899); *Sharpe, Hand-l.* ii. p. 26 (1900).

The eggs of the Grey Parrot measure from 1·39 to 1·5 in length, and from 1·11 to 1·23 in breadth.

| | | |
|---|---|---|
| 2. | Laid in confinement. | Old Collection. |
| 3. | Laid in confinement. | W. Stringer, Esq. [P.]. |
| 1. | Laid in confinement. | G. Ormerod, Esq. [P.]. |
| 1. | Laid in confinement. | Crowley Bequest. |

### Genus **CORACOPSIS**, *Wagl.*

#### **Coracopsis vaza** (*Shaw*).

Coracopsis obscura, *Milne-Edwards & Grandidier, Hist. Nat. Madag., Ois.* i. p. 1, pl. 301. fig. 1 (1879).

Coracopsis vasa, *Salvadori, Cat. Birds B. M.* xx. p. 381 (1891); *Nehrk. Kat. Eiersamml.* p. 176 (1899).
Coracopsis vaza, *Sharpe, Hand-l.* ii. p. 27 (1900).

The eggs of the Vaza Parrot measure from 1·75 to 1·86 in length, and from 1·29 to 1·35 in breadth.

| | |
|---|---|
| 7. Madagascar. | Crowley Bequest. |

## Sub-Family PALÆORNITHINÆ.

### Genus **ECLECTUS**, *Wagl.*

#### **Eclectus pectoralis** (*P. L. S. Müll.*).

Eclectus polychlorus, *Layard, Ibis,* 1880, p. 301.
Eclectus pectoralis, *Salvadori, Cat. Birds B. M.* xx. p. 389 (1891); *Nehrk. Kat. Eiersamml.* p. 177 (1899); *Sharpe, Hand-l.* ii. p. 27 (1900).

Two eggs of the Red-sided Eclectus measure respectively: 1·55 by 1·2; 1·47 by 1·2.

| | |
|---|---|
| 2. Duke of York Island, June (*E. L. Layard: Tristram Coll.*). | Crowley Bequest. |

#### **Eclectus roratus** (*P. L. S. Müll.*).

Eclectus roratus, *Salvadori, Cat. Birds B. M.* xx. p. 393 (1891); *Nehrk. Kat. Eiersamml.* p. 177 (1899); *Sharpe, Hand-l.* ii. p. 27 (1900).

An egg of the Grand Eclectus in the Collection measures 1·45 by 1·2.

| | |
|---|---|
| 1. Moluccas (*Nehrkorn Coll.*). | Crowley Bequest. |

### Genus **PALÆORNIS**, *Vig.*

#### **Palæornis indoburmanica**, *Hume.*

Palæornis eupatrius, *Oates ed. Hume, Nests & Eggs Ind. Birds,* iii. p. 82, part. (1890).
Palæornis indoburmanica, *Salvadori, Cat. Birds B. M.* xx. p. 438 (1891); *Nehrk. Kat. Eiersamml.* p. 177 (1899); *Sharpe, Hand-l.* ii. p. 31 (1900).
Palæornis indoburmanicus, *Blanf. Fauna Brit. Ind., Birds,* iii. p. 248 (1900).

The eggs of the Large Burmese Parrakeet measure from 1·3 to 1·4 in length, and from 1 to 1·05 in breadth.

| | |
|---|---|
| 1. Pegu, 25th Feb. (*E. W. Oates*). | Hume Coll. |
| 1. Pegu, 25th Feb. (*E. W. O.*). | Seebohm Coll. |
| 4. Wippetan, Tenasserim, 10th Dec. (*J. Darling*). | Hume Coll. |

## Palæornis torquata (*Bodd.*).

Palæornis torquatus, *Legge, Birds Ceylon*, p. 171 (1878); *Oates ed. Hume, Nests & Eggs Ind. Birds*, iii. p. 85 (1890); *Blanf. Fauna Brit. Ind., Birds*, iii. p. 250 (1895).

Palæornis torquata, *Salvadori, Cat. Birds B. M.* xx. p. 443 (1891); *Sharpe, Hand-l.* ii. p. 31 (1900).

The eggs of the Rose-ringed Parrakeet measure from 1·05 to 1·37 in length, and from ·87 to 1·02 in breadth.

| | | |
|---|---|---|
| 14. | Sambhur Lake, Rajputana, 23rd March (*R. M. Adam*). | Hume Coll. |
| 5. | Sambhur Lake, 25th March (*R. M. A.*). | Hume Coll. |
| 1. | Jodhpur, 1st April. | Hume Coll. |
| 4. | Jeypur, 23rd March. | Hume Coll. |
| 3. | Jeypur, 27th March. | Hume Coll. |
| 5. | Delhi, 10th Sept. (*C. T. Bingham*). | Hume Coll. |
| 1. | Etawah, 25th Feb. | Hume Coll. |
| 1. | Etawah, 1st March. | Hume Coll. |
| 1. | Etawah, 6th March. | Hume Coll. |
| 1. | Etawah, 12th March. | Hume Coll. |
| 1. | Etawah, 16th Feb. (*W. E. Brooks: Tristram Coll.*). | Crowley Bequest. |
| 3. | Lucknow, 10th March. | Hume Coll. |
| 6. | Lucknow, 17th March. | Hume Coll. |
| 3. | Nimbhera, 1st March. | W. Radcliffe Saunders, Esq. [P.]. |
| 3. | Nimbhera. | W. Radcliffe Saunders, Esq. [P.]. |
| 2. | Central India, 1st March (*R. C. Beavan: Tristram Coll.*). | Crowley Bequest. |
| 3. | Sikhim Terai, 18th April. | Hume Coll. |
| 1. | Pegu, 25th Feb. (*E. W. Oates*). | Seebohm Coll. |
| 1. | Pegu, 28th Jan. (*E. W. O.*). | Oates Coll. |
| 2. | Pegu, 7th Feb. (*E. W. O.*). | Oates Coll. |
| 1. | Pegu, 14th Feb. (*E. W. O.*). | Oates Coll. |
| 1. | Pegu, 8th March (*E. W. O.*). | Oates Coll. |

## Palæornis cyanocephala (*Linn.*).

Palæornis cyanocephalus, *Legge, Birds Ceylon*, p. 174 (1878); *Blanf. Fauna Brit. Ind., Birds*, iii. p. 251 (1895).

Palæornis purpureus, *Oates ed. Hume, Nests & Eggs Ind. Birds*, iii. p. 87 (1890).

Palæornis cyanocephala, *Salvadori, Cat. Birds B. M.* xx. p. 448 (1891); *Sharpe, Hand-l.* ii. p. 31 (1900).

The eggs of the Western Blossom-headed Parrakeet measure from ·9 to 1·03 in length, and from ·74 to ·84 in breadth.

| | | |
|---|---|---|
| 3. | Hansi, Punjab, 24th March. | Hume Coll. |
| 1. | Rajputana, 14th April. | Hume Coll. |
| 3. | Gurhwal, 7th April. | Hume Coll. |
| 1. | Saharunpur, N.W. Provs., 12th March. | Hume Coll. |
| 2. | Allahabad, 6th April. | Hume Coll. |
| 2. | Fyzabad. | Hume Coll. |
| 1. | Central India, 12th March (*R. C. Beavan: Tristram Coll.*). | Crowley Bequest. |

### Palæornis rosa (*Bodd.*).

Palæornis cyanocephalus, *Oates ed. Hume, Nests & Eggs Ind. Birds,* iii. p. 88 (1900).
Palæornis rosa, *Salvadori, Cat. Birds B. M.* xx. p. 453 (1891); *Blanf. Fauna Brit. Ind., Birds,* iii. p. 252 (1895); *Nehrk. Kat. Eiersamml.* p. 177 (1899); *Sharpe, Hand-l.* ii. p. 31 (1900).

The eggs of the Eastern Blossom-headed Parrakeet in the Collection measure respectively: ·93 by ·78; ·93 by ·82; ·94 by ·78; ·94 by ·79.

| | | |
|---|---|---|
| 2. | Pegu, 22nd Feb. (*E. W. Oates*). | Oates Coll. |
| 1. | Pegu, 22nd Feb. (*E. W. O.*). | Seebohm Coll. |
| 1. | Pegu, 2nd March (*E. W. O.*). | Crowley Bequest. |

### Palæornis schisticeps, *Hodgs.*

Palæornis schisticeps, *Oates ed. Hume, Nests & Eggs Ind. Birds,* iii. p. 89 (1890); *Salvadori, Cat. Birds B. M.* xx. p. 456 (1891); *Blanf. Fauna Brit. Ind., Birds,* iii. p. 253 (1895); *Sharpe, Hand-l.* ii. p. 31 (1900).

The eggs of the Slaty-headed Parrakeet in the Collection measure respectively: 1·07 by ·87; 1·05 by ·86; 1·09 by ·89.

| | | |
|---|---|---|
| 1. | Murri, N.W. Himalayas, 14th April (*C. H. T. Marshall*). | Hume Coll. |
| 1. | Himalayas, 14th April. | Hume Coll. |
| 1. | Himalayas, 16th May. | Hume Coll. |

### Palæornis peristerodes, *Finsch.*

Palæornis columboides, *Oates ed. Hume, Nests & Eggs Ind. Birds,* iii. p. 89 (1890); *Blanf. Fauna Brit. Ind., Birds,* iii. p. 255 (1895).
Palæornis peristerodes, *Salvadori, Cat. Birds B. M.* xx. p. 460 (1891); *Nehrk. Kat. Eiersamml.* p. 177 (1899); *Sharpe, Hand-l.* ii. p. 32 (1900).

The two eggs of the Blue-winged Parrakeet in the Collection measure respectively: 1·07 by ·89; 1·08 by ·9.

| | | |
|---|---|---|
| 2. | Travancore, S. India, 16th Feb. (*F. Bourdillon*). | Hume Coll. |

### Palæornis fasciata (*P. L. S. Müll.*).

Palæornis fasciatus, *Oates ed. Hume, Nests & Eggs Ind. Birds,* iii. p. 90 (1890); *Blanf. Fauna Brit. Ind., Birds,* iii. p. 256 (1895).
Palæornis fasciata, *Salvadori, Cat. Birds B. M.* xx. p. 464 (1891); *Nehrk. Kat. Eiersamml.* p. 177 (1899); *Sharpe, Hand-l.* ii. p. 32 (1900).

The eggs of the Red-breasted Parrakeet in the Collection measure respectively: 1·22 by ·94; 1·13 by ·95.

| | | |
|---|---|---|
| 1. | Zammee River, Tenasserim, 18th Feb. (*C. T. Bingham*). | Hume Coll. |
| 1. | Laid in confinement. | Hume Coll. |

## Genus **PTISTES**, *Gould.*

### **Ptistes erythropterus** (*Gm.*).

Ptistes erythropterus, *Gould, Handb. Birds Austr.* ii. p. 37 (1865); *North, Nests & Eggs Austr. Birds*, p. 255, pl. xiv. fig. 5 (1889); *Salvadori, Cat. Birds B. M.* xx. p. 481 (1891); *Nehrk. Kat. Eiersamml.* p. 177 (1899); *Sharpe, Hand-l.* ii. p. 33 (1900); *Campbell, Nests & Eggs Austr. Birds*, ii. p. 626 (1901).

Ptistes coccineopterus, *Le Souëf, Ibis*, 1899, p. 360; *id. Vict. Nat.* xvi. p. 71 (1899).

The eggs of the Red-winged Parrakeet measure from 1·11 to 1·2 in length, by 1 in breadth.

| | | |
|---|---|---|
| 1. | Rockhampton, Queensland, 9th Oct. (*North Coll.*). | Crowley Bequest. |
| 3. | Dawson River, Queensland, 2nd Oct. (*North Coll.*). | Crowley Bequest. |
| 2. | New South Wales. | Gould Coll. |

## Genus **APROSMICTUS**, *Gould.*

### **Aprosmictus cyanopygius** (*Vieill.*).

Aprosmictus scapulatus, *Gould, Handb. Birds Austr.* ii. p. 35 (1865); *North, Nests & Eggs Austr. Birds*, p. 255 (1889).

Aprosmictus cyanopygius, *Salvadori, Cat. Birds B. M.* xx. p. 486 (1891); *Nehrk. Kat. Eiersamml.* p. 177 (1899); *Sharpe, Hand-l.* ii. p. 33 (1900); *Robinson & Laverock, Ibis*, 1900, p. 644; *Campbell, Nests & Eggs Austr. Birds*, ii. p. 628 (1901).

The eggs of the King Parrakeet in the Collection measure respectively: 1·38 by 1·15; 1·37 by 1·15.

| | | |
|---|---|---|
| 2. | New South Wales. | Gould Coll. |

## Genus **PYRRHULOPSIS**, *Reichenb.*

### **Pyrrhulopsis splendens** (*Peale*).

Platycercus splendens, *Finsch & Hartl. Faun. Centr.-Polyn.* p. 20, tab. ii. fig. 2 (1867); *Layard, P. Z. S.* 1875, p. 425; *Nehrk. J. f. O.* 1879, p. 394.

Pyrrhulopsis splendens, *Salvadori, Cat. Birds B. M.* xx. p. 493 (1891); *Nehrk. Kat. Eiersamml.* p. 177 (1899).

Three eggs of the Shining Parrakeet measure respectively: 1·51 by 1·2; 1·47 by 1·19; 1·46 by 1·16.

| | | | |
|---|---|---|---|
| 1. | Fiji Islands, 8th Aug. | (*E. L. Layard: Tristram Coll.*). | Crowley Bequest. |
| 1. | Fiji Islands, 7th Sept. | | |
| 1. | Fiji Islands, 10th Sept. | | |

### Pyrrhulopsis personata (*Gray*).

Platycercus personatus, *Layard, P. Z. S.* 1875, p. 425; *Nehrk. J. f. O.* 1879, p. 394.
Pyrrhulopsis personata, *Salvadori, Cat. Birds B. M.* xx. p. 497 (1891); *Nehrk. Kat. Eiersamml.* p. 177 (1899); *Sharpe, Hand-l.* ii. p. 34 (1900).

Two eggs of the Masked Parrakeet measure respectively: 1·52 by 1·2; 1·52 by 1·21.

| | |
|---|---|
| 2. Fiji Islands, 10th Sept. (*E. L. Layard: Tristram Coll.*). | Crowley Bequest. |

## Genus AGAPORNIS, *Selby*.

### Agapornis roseicollis (*Vieill.*).

Psittacula roseicollis, *Anderss. Birds Dam. Land*, p. 216 (1872).
Agapornis roseicollis, *Sharpe, ed. Layard's Birds S. Africa*, p. 192 (1875–84); *Salvadori, Cat. Birds B. M.* xx. p. 512 (1891); *Nehrk. Kat. Eiersamml.* p. 178 (1899); *Sharpe, Hand-l.* ii. p. 35 (1900).

An egg of the Rosy-faced Love-bird measures ·93 by ·7.

| | |
|---|---|
| 1. Ovampo-land, S. Africa (*C. J. Andersson: Tristram Coll.*). | Crowley Bequest. |

## Genus LORICULUS, *Blyth*.

### Loriculus vernalis (*Sparrm.*).

Loriculus vernalis, *Oates ed. Hume, Nests & Eggs Ind. Birds*, iii. p. 92 (1890); *Salvadori, Cat. Birds B. M.* xx. p. 517 (1891); *Blanf. Fauna Brit. Ind., Birds*, iii. p. 260 (1895); *Sharpe, Hand-l.* ii. p. 35 (1900).

The eggs of the Indian Loriquet measure from ·68 to ·78 in length, and from ·58 to ·63 in breadth.

| | |
|---|---|
| 2. Travancore, S. India, 15th March (*F. Bourdillon*). | Hume Coll. |
| 3. Thoungyin River, Tenasserim, 24th Feb. (*C. T. Bingham*). | Hume Coll. |
| 1. Port Mouat, Andamans, 19th April (*W. Davison*). | Hume Coll. |

### Loriculus indicus (*Gm.*).

Loriculus indicus, *Legge, Birds Ceylon*, p. 180 (1878); *Salvadori, Cat. Birds B. M.* xx. p. 526 (1891); *Blanf. Fauna Brit. Ind., Birds*, iii. p. 262 (1895); *Sharpe, Hand-l.* ii. p. 36 (1900).

Two eggs of the Ceylon Loriquet measure respectively: ·8 by ·61; ·79 by ·62.

| | |
|---|---|
| 2. Ceylon, 2500 feet, 9th March (*A. L. Butler*). | Crowley Bequest. |

### Loriculus galgulus (*Linn.*).

Loriculus galgulus, *Sharpe, P. Z. S.* 1879, p. 325; *Salvadori, Cat. Birds B. M.* xx. p. 531 (1891); *Nehrk. Kat. Eiersamml.* p. 178 (1899); *Sharpe, Hand-l.* ii. p. 36 (1900).

Three eggs of the Blue-crowned Loriquet measure respectively: ·7 by ·6; ·7 by ·59; ·7 by ·52.

3. Labuan, Borneo. Sir Hugh Low [C.].

### Loriculus stigmatus (*S. Müll. & Schl.*).

Loriculus stigmatus, *Salvadori, Cat. Birds B. M.* xx. p. 535 (1891); *Meyer & Wiglesworth, Birds Celebes,* i. p. 158 (1898); *Nehrk. Kat. Eiersamml.* p. 178 (1899); *Sharpe, Hand-l.* ii. p. 36 (1900).

An egg of the Celebean Loriquet measures ·83 by ·67.

1. Kurukan, Celebes (*Nehrkorn Coll.*). Crowley Bequest.

## Sub-Family PLATYCERCINÆ.

## Genus **PLATYCERCUS**, *Vig.*

### Platycercus elegans (*Gm.*).

Platycercus pennantii, *Gould, Handb. Birds Austr.* ii. p. 44 (1865); *North, Nests & Eggs Austr. Birds,* p. 257, pl. xiv. fig. 6 (1889).
Platycercus elegans, *Salvadori, Cat. Birds B. M.* xx. p. 541 (1891); *Nehrk. Kat. Eiersamml.* p. 178 (1899); *Sharpe, Hand-l.* ii. p. 37 (1900); *Campbell, Nests & Eggs Austr. Birds,* ii. p. 629 (1901).

The eggs of Pennant's Parrakeet in the Collection measure respectively: 1·1 by ·93; 1·11 by ·91.

2. Cape Otway, Victoria (*E. P. Seymour*). Crowley Bequest.

### Platycercus adelaidæ, *Gould.*

Platycercus adelaidensis, *Gould, Handb. Birds Austr.* ii. p. 46 (1865).
Platycercus adelaidæ, *Salvadori, Cat. Birds B. M.* xx. p. 543 (1891); *Sharpe, Hand-l.* ii. p. 37 (1900); *Campbell, Nests & Eggs Austr. Birds,* ii. p. 631 (1901).

Two eggs of the Adelaide Parrakeet measure respectively: 1·12 by ·9; 1·08 by ·91.

2. South Australia. Gould Coll.

### Platycercus flaviventris (*Temm.*).

Platycercus flaviventris, *Gould, Handb. Birds Austr.* ii. p. 48 (1865); *North, Nests & Eggs Austr. Birds,* p. 258 (1889); *Salvadori, Cat. Birds B. M.* xx. p. 545 (1891); *Nehrk. Kat. Eiersamml.* p. 178 (1899); *Sharpe, Hand-l.* ii. p. 37 (1900); *Campbell, Nests & Eggs Austr. Birds,* ii. p. 633 (1901).

Four eggs of the Yellow-bellied Parrakeet measure respectively: 1·18 by ·93; 1·07 by ·85; 1·12 by ·85; 1·03 by ·88.

| | | |
|---|---|---|
| 1. | Tasmania. | Gould Coll. |
| 3. | Tasmania. | Crowley Bequest. |

### **Platycercus pallidiceps**, *Vig.*

Platycercus palliceps, *Gould, Handb. Birds Austr.* ii. p. 51 (1865.)
Platycercus pallidiceps, *North, Nests & Eggs Austr. Birds*, p. 258 (1889); *Salvadori, Cat. Birds B. M.* xx. p. 547 (1891); *Nehrk. Kat. Eiersamml.* p. 178 (1899); *Sharpe, Hand-l.* ii. p. 37 (1900); *Campbell, Nests & Eggs Austr. Birds*, ii. p. 633 (1901).

Five eggs of the Pale-headed Parrakeet measure respectively: 1·1 by ·91; 1·13 by ·9; 1·09 by ·9; 1·13 by ·91; 1·05 by ·89.

| | | |
|---|---|---|
| 2. | Moreton Bay, Queensland. | Gould Coll. |
| 1. | Moreton Bay (*Gould Coll.*). | Crowley Bequest. |
| 2. | Dawson River, Queensland, Oct. (*North Coll.*). | Crowley Bequest. |

### **Platycercus eximius** (*Shaw*).

Platycercus eximius, *Gould, Handb. Birds Austr.* ii. p. 55 (1865); *North, Nests & Eggs Austr. Birds*, p. 258 (1889); *Salvadori, Cat. Birds B. M.* xx. p. 551 (1891); *Nehrk. Kat. Eiersamml.* p. 178 (1899); *Sharpe, Hand-l.* ii. p. 38 (1900); *Campbell, Nests & Eggs Austr. Birds*, ii. p. 635 (1901).

The eggs of the Rose-Hill or Rosella Parrakeet measure from 1·04 to 1·1 in length, and from ·8 to ·9 in breadth.

| | | |
|---|---|---|
| 5. | Australia. | Gould Coll. |
| 3. | Australia. | W. Radcliffe Saunders, Esq. [P.]. |
| 4. | Cardington, Bell River, N.S.W. (*E. P. Ramsay*). | Crowley Bequest. |
| 3. | Hastings, Western Point, Victoria, 16th Nov. (*A. J. North*). | Crowley Bequest. |

### **Platycercus icterotis** (*Kuhl*).

Platycercus icterotis, *Gould, Handb. Birds Austr.* ii. p. 58 (1865); *North, Nests & Eggs Austr. Birds*, p. 259 (1889); *Salvadori, Cat. Birds B. M.* xx. p. 554 (1891); *Le Souëf, Ibis*, 1900, p. 458; *Sharpe, Hand-l.* ii. p. 38 (1900); *Campbell, Nests & Eggs Austr. Birds*, ii. p. 638 (1901).

An egg of the Yellow-eared Parrakeet measures 1 by ·78.

| | | |
|---|---|---|
| 1. | Australia. | Crowley Bequest. |

## Genus **PORPHYROCEPHALUS**, *Reichenow.*

### **Porphyrocephalus spurius** (*Kuhl*).

Purpureicephalus pileatus, *Gould, Handb. Birds Austr.* ii. p. 60 (1865); *North, Nests & Eggs Austr. Birds*, p. 259 (1889).

Porphyrocephalus spurius, *Salvadori, Cat. Birds B. M.* xx. p. 556 (1891); *Sharpe, Hand-l.* ii. p. 38 (1900); *Campbell, Nests & Eggs Austr. Birds*, ii. p. 639 (1901).

The eggs of the Red-capped Parrakeet in the Collection measure respectively: 1·1 by ·9; 1·1 by ·89; 1·1 by ·9.

| | |
|---|---|
| 3. Western Australia. | Gould Coll. |

## Genus **BARNARDIUS**, *Bp.*

### **Barnardius barnardi** (*Lath.*).

Platycercus barnardi, *Gould, Handb. Birds Austr.* ii. p. 40 (1865); *North, Nests & Eggs Austr. Birds*, p. 256, pl. xiv. fig. 7 (1889).
Barnardius barnardi, *Salvadori, Cat. Birds B. M.* xx. p. 558 (1891); *Nehrk. Kat. Eiersamml.* p. 178 (1899); *Sharpe, Hand-l.* ii. p. 38 (1900); *Campbell, Nests & Eggs Austr. Birds*, ii. p. 640 (1901).

The eggs of Barnard's Parrakeet in the Collection measure respectively: 1·14 by ·8; 1·13 by ·76.

| | |
|---|---|
| 2. Laid in confinement (Zool. Gardens, London). | Salvin-Godman Coll. |

### **Barnardius semitorquatus** (*Q. & G.*).

Platycercus semitorquatus, *Gould, Handb. Birds Austr.* ii. p. 42 (1865); *North, Nests & Eggs Austr. Birds*, p. 257 (1889).
Barnardius semitorquatus, *Salvadori, Cat. Birds B. M.* xx. p. 559 (1891); *Sharpe, Hand-l.* ii. p. 38 (1900); *Campbell, Nests & Eggs Austr. Birds*, ii. p. 641 (1901).

The eggs of the Yellow-collared Parrakeet in the Collection measure respectively: 1·21 by 9·4; 1·2 by 1; 1·2 by ·98.

| | |
|---|---|
| 1. Australia. | Gould Coll. |
| 2. South Australia. | Gould Coll. |

### **Barnardius zonarius** (*Shaw*).

Platycercus zonarius, *Gould, Handb. Birds Austr.* ii. p. 43 (1865).
Barnardius zonarius, *Salvadori, Cat. Birds B. M.* xx. p. 560 (1891); *Sharpe, Hand-l.* ii. p. 38 (1900); *Campbell, Nests & Eggs Austr. Birds*, ii. p. 642 (1901).

The eggs of Baur's Parrakeet in the Collection measure respectively: 1·17 by ·91; 1·15 by ·93.

| | |
|---|---|
| 2. Australia. | Gould Coll. |

## Genus **PSEPHOTUS**, *Gould.*

### **Psephotus xanthorrhous**, *Bp.*

Psephotus xanthorrhoa, *Gould, Handb. Birds Austr.* ii. p. 63 (1865).
Psephotus hæmatogaster, var. xanthorrhous, *North, Nests & Eggs Austr. Birds*, p. 260 (1889).

Psephotus xanthorrhous, *Salvadori, Cat. Birds B. M.* xx. p. 563 (1891); *Sharpe, Hand-l.* ii. p. 38 (1900); *Campbell, Nests & Eggs Austr. Birds,* ii. p. 643 (1901).

An egg of the Yellow-vented Parrakeet measures ·9 by ·73.

| | | |
|---|---|---|
| 1. | Australia (*A. J. Campbell*). | Crowley Bequest. |

### Psephotus multicolor (*Kuhl*).

Psephotus multicolor, *Gould, Handb. Birds Austr.* ii. p. 58 (1865); *North, Nests & Eggs Austr. Birds,* p. 261 (1889); *Salvadori, Cat. Birds B. M.* xx. p. 566 (1891); *Nehrk. Kat. Eiersamml.* p. 178 (1899); *Sharpe, Hand-l.* ii. p. 39 (1900); *Campbell, Nests & Eggs Austr. Birds,* ii. p. 647 (1901).

The egg of the Many-coloured Parrakeet in the Collection measures ·85 by ·72.

| | | |
|---|---|---|
| 1. | New South Wales (*Nehrkorn Coll.*). | Crowley Bequest. |

### Psephotus hæmatonotus, *Gould*.

Psephotus hæmatonotus, *Gould, Handb. Birds Austr.* ii. p. 69 (1865); *North, Nests & Eggs Austr. Birds,* p. 262 (1889); *Salvadori, Cat. Birds B. M.* xx. p. 567 (1891); *Nehrk. Kat. Eiersamml.* p. 178 (1899); *Sharpe, Hand-l.* ii. p. 39 (1900); *Campbell, Nests & Eggs Austr. Birds,* ii. p. 648 (1901).

The eggs of the Red-rumped Parrakeet measure from ·89 to 1 in length, and from ·72 to ·79 in breadth.

| | | |
|---|---|---|
| 3. | South Australia. | Gould Coll. |
| 1. | Adelaide (*E. P. Ramsay: Tristram Coll.*). | Crowley Bequest. |
| 1. | Baldery, Bogan River, N.S.W., 18th Oct. (*E. P. Ramsay: Tristram Coll.*). | Crowley Bequest. |
| 1. | Bell River, N.S.W., 10th Sept. (*A. J. North*). | Crowley Bequest. |
| 2. | Wellington, 10th Nov. (*A. J. N.*). | Crowley Bequest. |

## Genus **NEOPHEMA**, *Salvadori*.

### Neophema venusta (*Temm.*).

Euphema chrysostoma, *Gould, Handb. Birds Austr.* ii. p. 71 (1865).
Euphema venusta, *North, Nests & Eggs Austr. Birds,* p. 262 (1889).
Neophema venusta, *Salvadori, Cat. Birds B. M.* xx. p. 570 (1891); *Nehrk. Kat. Eiersamml.* p. 178 (1899); *Sharpe, Hand-l.* ii. p. 39 (1900); *Campbell, Nests & Eggs Austr. Birds,* ii. p. 649 (1901).

The eggs of the Blue-winged Grass-Parrakeet measure from ·9 to ·94 in length, and from ·73 to ·79 in breadth.

| | | |
|---|---|---|
| 5. | Terrick Terrick, Victoria (*E. P. Seymour*). | Crowley Bequest. |

### Neophema elegans (*Gould*).

Euphema elegans, *Gould, Handb. Birds Austr.* ii. p. 73 (1865); *North, Nests & Eggs Austr. Birds*, p. 263 (1889).
Neophema elegans, *Salvadori, Cat. Birds B. M.* xx. p. 572 (1891); *Nehrk. Kat. Eiersamml.* p. 178 (1899); *Sharpe, Hand-l.* ii. p. 39 (1900); *Campbell, Nests & Eggs Austr. Birds*, ii. p. 651 (1901).

Four eggs of the Elegant Grass-Parrakeet measure respectively: ·89 by ·69; ·9 by ·7; ·85 by ·72; ·86 by ·72.

| | | |
|---|---|---|
| 2. | Australia. | Gould Coll. |
| 2. | New South Wales. | Crowley Bequest. |

### Neophema pulchella (*Shaw*).

Euphema pulchella, *Gould, Handb. Birds Austr.* ii. p. 77 (1865); *North, Nests & Eggs Austr. Birds*, p. 263 (1889).
Neophema pulchella, *Salvadori, Cat. Birds B. M.* xx. p. 575 (1891); *Nehrk. Kat. Eiersamml.* p. 179 (1899); *Sharpe, Hand-l.* ii. p. 39 (1900); *Campbell, Nests & Eggs Austr. Birds*, ii. p. 654 (1901).

The eggs of the Turquoisine Grass-Parrakeet in the Collection measure respectively: ·91 by ·78; ·93 by ·73; ·9 by ·76.

| | | |
|---|---|---|
| 3. | Australia. | Crowley Bequest. |

### Neophema splendida (*Gould*).

Euphema splendida, *Gould, Handb. Birds Austr.* ii. p. 79 (1865).
Neophema splendida, *Salvadori, Cat. Birds B. M.* xx. p. 576 (1891); *Sharpe, Hand-l.* ii. p. 39 (1900); *Campbell, Nests & Eggs Austr. Birds*, ii. p. 654 (1901).

Two eggs of the Splendid Grass-Parrakeet measure respectively: ·9 by ·67; ·89 by ·67.

| | | |
|---|---|---|
| 2. | South Australia. | Gould Coll. |

## Genus **CYANORHAMPHUS**, *Bp.*

### Cyanorhamphus novæ-zealandiæ (*Sparrm.*).

Platycercus novæ-zealandiæ, *Buller, Birds New Zeal.* 2nd ed. i. p. 137 (1888).
Cyanorhamphus novæ-zealandiæ, *Salvadori, Cat. Birds B. M.* xx. p. 581 (1891); *Nehrk. Kat. Eiersamml.* p. 179 (1899); *Sharpe, Hand-l.* ii. p. 40 (1901).

The eggs of the Red-fronted Parrakeet in the Collection measure respectively: 1 by ·83; ·98 by ·83; ·99 by ·85; 1·05 by ·92; 1·1 by ·9; 1·09 by ·95.

| | | |
|---|---|---|
| 2. | Milton, Otago, New Zealand (*E. P. Seymour*). | Crowley Bequest. |
| 1. | Otago. | W. Radcliffe Saunders, Esq. [P.]. |
| 3. | New Zealand. | W. Radcliffe Saunders, Esq. [P.]. |

### Cyanorhamphus auriceps (*Kuhl*).

Platycercus auriceps, *Buller, B. New Zeal.* 2nd ed. i. p. 142 (1888).
Cyanorhamphus auriceps, *Salvad. Cat. Birds B. M.* xx. p. 587 (1891); *Nehrk. Kat. Eiersamml.* p. 179 (1899); *Sharpe, Hand-l.* ii. p. 40 (1900).

Three eggs of the Yellow-fronted Parrakeet measure respectively: ·95 by ·75; ·89 by ·75; ·91 by ·79.

| | | |
|---|---|---|
| 3. | New Zealand. | W. Radcliffe Saunders, Esq. [P.]. |

## Genus NYMPHICUS, *Wagl.*

### Nymphicus cornutus (*Gm.*).

Nymphicus cornutus, *E. L. & E. L. C. Layard, Ibis,* 1882, p. 524; *Salvadori, Cat. Birds B. M.* xx. p. 591 (1891); *Nehrk. Kat. Eiersamml.* p. 179 (1899); *Sharpe, Hand-l.* ii. p. 40 (1900).

An egg of the Horned Parrakeet measures 1 by ·8.

| | | |
|---|---|---|
| 1. | New Caledonia, 15th Oct. (*E. L. Layard*). | Crowley Bequest. |

## Genus MELOPSITTACUS, *Gould.*

### Melopsittacus undulatus (*Shaw*).

Melopsittacus undulatus, *Gould, Handb. Birds Austr.* ii. p. 81 (1865); *North, Nests & Eggs Austr. Birds,* p. 264 (1889); *Salvadori, Cat. Birds B. M.* xx. p. 594 (1891); *Nehrk. Kat. Eiersamml.* p. 179 (1899); *Sharpe, Hand-l.* ii. p. 41 (1900); *Campbell, Nests & Eggs Austr. Birds,* ii. p. 656 (1901).

The eggs of the Undulated Grass-Parrakeet measure from ·66 to ·75 in length, and from ·57 to ·6 in breadth.

| | | |
|---|---|---|
| 2. | Australia. | Gould Coll. |
| 1. | Australia. | Salvin-Godman Coll. |
| 1. | Australia. | T. Bakewell, Esq. [P.]. |
| 2. | Australia (*Gould Coll.*). | Crowley Bequest. |
| 3. | New South Wales. | Gould Coll. |
| 2. | New South Wales (*Tristram Coll.*). | Crowley Bequest. |

## Genus PEZOPORUS, *Illig.*

### Pezoporus terrestris (*Shaw*).

Pezoporus formosus, *Gould, Handb. Birds Austr.* ii. p. 86 (1865); *North, Nests & Eggs Austr. Birds,* p. 265 (1889); *Salvadori, Cat. Birds B. M.* xx. p. 596 (1891); *Nehrk. Kat. Eiersamml.* p. 179 (1899); *Campbell, Nests & Eggs Austr. Birds,* ii. p. 658 (1901).
Pezoporus terrestris, *Sharpe, Hand-l.* ii. p. 41 (1900).

The eggs of the Green Ground-Parrakeet measure from ·92 to 1.17 in length, and from ·74 to ·9 in breadth.

| | | |
|---|---|---|
| 3. | Australia. | Crowley Bequest. |
| 3. | Queensland, Australia. | Gould Coll. |
| 2. | Tasmania. | Crowley Bequest. |

## Family STRINGOPIDÆ.

### Genus **STRINGOPS**, *Gray*.

**Stringops habroptilus**, *Gray*.

Stringops habroptilus, *Potts, Trans. New Zeal. Inst.* iii. p. 90 (1870); *Buller, Birds New Zeal.* 2nd ed. i. p. 176 (1888); *Salvadori, Cat. Birds B. M.* xx. p. 599 (1891); *Sharpe, Hand-l.* ii. p. 41 (1900).

The eggs of the Owl-Parrot are of a pointed oval shape, rather coarse in texture, and slightly glossy. Three specimens measure respectively: 1·95 by 1·45; 1·95 by 1·42; 1·9 by 1·46.

| | | |
|---|---|---|
| 1. | New Zealand. | Old Collection. |
| 1. | New Zealand. | Capt. Stokes, R.N. [P.]. |
| 1. | New Zealand, Feb. | Dr. Lyall [P.]. |
| 1. | New Zealand (*Field Coll.*). | Crowley Bequest. |

# Order CORACIIFORMES.

## Sub-Order *STEATORNITHES*.

## Family STEATORNITHIDÆ.

### Genus **STEATORNIS**, *Humboldt*.

**Steatornis caripensis**, *Humboldt*.

Steatornis caripensis, *Thien. Fortpflanz. ges. Vög.* tab. xlii. fig. 24 (1845–54); *Scl. P. Z. S.* 1868, p. 73; *Koenig-Warth. J. f. O.* 1868, p. 384; *Hartert, Cat. Birds B. M.* xvi. p. 653 (1892); *Nehrk. Kat. Eiersamml.* p. 158 (1899); *Sharpe, Hand-l.* ii. p. 42 (1900).

The eggs of the Guacharo in the Collection vary in shape, some being of a pointed oval, others of a blunt oval, and one specimen of a spheroidal form. The shell is plain white, coarse in texture, and devoid of gloss. They measure from 1·5 to 1·7 in length, and from 1·23 to 1·27 in breadth.

| | | |
|---|---|---|
| 2. | South America. | Old Collection. |
| 1. | Bogota, Grenada (*G. Crowther*). | Salvin-Godman Coll. |
| 1. | Bogota. | Crowley Bequest. |
| 2. | Island of Hueros, Trinidad. | Crowley Bequest. |

## Sub-Order *PODARGI.*

The eggs of the *Podargi*, or Frog-mouths, are plain white, the shell being fairly smooth in texture and slightly glossy. They are either elliptical or bluntly oval in shape.

## Family PODARGIDÆ.

### Sub-Family PODARGINÆ.

### Genus **PODARGUS**, *Vieill.*

#### **Podargus papuensis**, *Q. & G.*

Podargus papuensis, *Gould, Handb. Birds Austr.* i. p. 91 (1865); *Hartert, Cat. Birds B. M.* xvi. p. 630 (1892); *Le Souëf, Ibis*, 1896, p. 312; *Sharpe, Hand-l.* ii. p. 42 (1900); *Campbell, Nests & Eggs Austr. Birds*, p. 538 (1901).
Podargus plumiferus, *Gould, tom. cit.* p. 93.

An egg of the Plumed Frog-mouth in the Collection measures 2·15 by 1·3.

| | | |
|---|---|---|
| 1. | S.E. New Guinea. | Herr Weiske [C.]. |

#### **Podargus strigoides** (*Lath.*).

? Caprimulgus brachypterus, *Thien. Fortpflanz. ges. Vög.* tab. xlii. fig. 23 (1845–54).
Podargus strigoides, *Gould, Handb. Birds Austr.* i. p. 84 (1865); *North, Nests & Eggs Austr. Birds*, p. 26, pl. vi. fig. 3 (1889); *Hartert, Cat. Birds B. M.* xvi. p. 631 (1892); *Nehrk. Kat. Eiersamml.* p. 158 (1899); *Sharpe, Hand-l.* ii. p. 42 (1900); *Campbell, Nests & Eggs Austr. Birds*, ii. p. 539 (1901).
Podargus cuvieri, *Gould, tom. cit.* p. 87; *North, Nests & Eggs Austr. Birds*, p. 27, pl. vi. fig. 4 (1889).

The eggs of the Tawny Frog-mouth measure from 1·6 to 1·94 in length, and from 1·15 to 1·33 in breadth.

| | | |
|---|---|---|
| 1. | Dawson River, Queensland, 27th Oct. (*North Coll.*). | Crowley Bequest. |
| 2. | New South Wales. | Gould Coll. |
| 1. | Oakleigh, Victoria, 24th Sept. (*E. P. Seymour*). | Crowley Bequest. |
| 3. | Hastings, Victoria, 10th Sept. (*A. J. North*). | Crowley Bequest. |
| 2. | Dandenong Ranges, Victoria, 30th Oct. | Radcliffe Saunders Coll. |
| 1. | Tasmania. | Gould Coll. |

## Genus **BATRACHOSTOMUS**, *Gould.*

### **Batrachostomus hodgsoni** (*Gray*).

Batrachostomus hodgsoni, *Oates ed. Hume, Nests & Eggs Ind. Birds,* iii. p. 39 (1890); *Hartert, Cat. Birds B. M.* xvi. p. 642 (1892); *Blanf. Fauna Brit. Ind., Birds,* iii. p. 194 (1895); *Sharpe, Hand-l.* ii. p. 43 (1900).

An egg of Hodgson's Frog-mouth is of an oval shape, and measures 1·04 by ·76.

| | | |
|---|---|---|
| 1. | Native Sikhim, 1st June (*L. Mandelli*). | Hume Coll. |

### **Batrachostomus moniliger**, *Blyth.*

Batrachostomus moniliger, *Legge, Birds Ceylon,* p. 331 (1878); *Oates ed. Hume, Nests & Eggs Ind. Birds,* iii. p. 38 (1890); *Hartert, Cat. Birds B. M.* xvi. p. 644 ((1892); *Blanf. Fauna Brit. Ind., Birds,* iii. p. 196 (1895); *Sharpe, Hand-l.* ii. p. 44 (1900).

The egg of the Ceylonese Frog-mouth from the Hume Collection is in fragments and does not admit of measurement. Mr. Hume has made no reference to it in his writings. Portions of an egg found by Mr. Bourdillon were pure white, smooth, and devoid of gloss.

| | | |
|---|---|---|
| 1. | Kandy, Ceylon, 1800 ft. (*A. Whyte*). | Hume Coll. |

## Sub-Family ÆGOTHELINÆ.

## Genus **ÆGOTHELES**, *Vig. & Horsf.*

### **Ægotheles novæ-hollandiæ** (*Lath.*).

Caprimulgus novæ hollandiæ, *Thien. Fortpflanz. ges. Vög.* tab. xlii. fig. 22 (1845–54); *Kœnig-Warth. J. f. O.* 1868, p. 383.

Ægotheles novæ hollandiæ, *Gould, Handb. Birds Austr.* i. p. 79 (1865); *North, Nests & Eggs Austr. Birds,* p. 26, pl. xiv. fig. 11 (1889); *Hartert, Cat. Birds B. M.* xvi. p. 651 (1892); *Nehrk. Kat. Eiersamml.* p. 158 (1899); *Sharpe, Hand-l.* ii. p. 44 (1900); *Campbell, Nests & Eggs Austr. Birds,* ii. p. 542 (1901).

Ægotheles leucogaster, *Le Souëf, Ibis,* 1896, p. 313.

Two eggs of the Little Australian Frog-mouth measure respectively: 1·1 by ·86; 1·09 by ·83.

| | | |
|---|---|---|
| 1. | Western Australia. | Gould Coll. |
| 2. | Dawson River, Queensland, 21st Oct. (*North Coll.*). | Crowley Bequest. |

## Sub-Order *CORACIÆ.*

## Family CORACIIDÆ.

### Sub-Family BRACHYPTERACIINÆ.

### Genus **CORACOPITTA**, *Bp.*

### **Coracopitta pittoides** (*Lafr.*).

Brachypteracias pittoides, *Milne-Edwards & Grandidier, Hist. Nat. Madag., Ois.* i. p. 244, pl. 302. fig. 9 (1879).
Atelornis pittoides, *Cowan, Proc. Roy. Phys. Soc. Edinb.* vii. p. 148 (1882); *Sharpe, Cat. Birds B. M.* xvii. p. 7 (1892); *Dresser, Mon. Coraciidæ*, p. 93 (1893); *Nehrk. Kat. Eiersamml.* p. 158 (1899).
Coracopitta pittoides, *Sharpe, Hand-l.* ii. p. 46 (1900).

The eggs of the Blue-headed Ground-Roller vary from a spheroidal to a broad oval shape. They are white, smooth in texture, and moderately glossy. Examples measure from 1·31 to 1·4 in length, and from 1·05 to 1·1 in breadth.

| | | |
|---|---|---|
| 3. | Betsileo, Madagascar. | Rev. W. Deans Cowan [P.]. |
| 4. | Madagascar (*Tristram Coll.*). | Crowley Bequest. |

### Sub-Family CORACIINÆ.

### Genus **CORACIAS**, *Linn.*

The eggs of the Rollers are usually elliptical or spheroidal in shape, but in every large series many specimens will be found of a broad oval form. The shell is very smooth, highly glossy, and plain white.

### **Coracias indicus**, *Linn.*

Coracias indica, *Legge, Birds Ceylon*, p. 281 (1878); *Oates ed. Hume, Nests & Eggs Ind. Birds*, iii. p. 53 (1890); *Blanf. Fauna Brit. Ind., Birds*, iii. p. 103 (1895).
Coracias indicus, *Dresser, Birds Eur.* v. p. 149 (1878); *Sharpe, Cat. Birds B. M.* xvii. p. 10 (1892); *Dresser, Mon. Coraciidæ*, p. 27 (1893); *Sharpe, Hand-l.* ii. p. 46 (1900).

The eggs of the Indian Roller measure from 1·25 to 1·4 in length, and from ·97 to 1·12 in breadth.

| | | |
|---|---|---|
| 4. | Jerripani, Mussoori, Himalayas. | Hume Coll. |
| 2. | Sind (*J. H. Gould*). | Gould Coll. |
| 9. | Eastern Narra, Sind (*S. Doig*). | Hume Coll. |
| 3. | Eastern Narra, 2nd June (*S. D.*). | Hume Coll. |
| 5. | Sambhur, Rajputana (*R. M. Adam*). | Hume Coll. |

| | | |
|---|---|---|
| 1. | Sambhur, 1st May (*R. M. A.*). | Hume Coll. |
| 2. | Sambhur, 3rd May (*R. M. A.*). | Hume Coll. |
| 1. | Sambhur, 12th May (*R. M. A.*). | Hume Coll. |
| 2. | Sambhur, 26th May (*R. M. A.*). | Hume Coll. |
| 4. | Gurgaon District, 11th May. | Hume Coll. |
| 1. | Delhi, 28th April (*C. T. Bingham*). | Hume Coll. |
| 2. | Delhi, 1st May (*C. T. B.*). | Hume Coll. |
| 4. | Delhi, 24th June (*C. T. B.*). | Hume Coll. |
| 3. | Baraitch, 19th April. | Hume Coll. |
| 6. | Allahabad, 6th April. | Hume Coll. |
| 1. | Allahabad. | Hume Coll. |
| 3. | Allahabad, 10th April. | Hume Coll. |
| 9. | Mirzapur, April (*W. E. Brooks: Tristram Coll.*). | Crowley Bequest. |
| 1. | Etawah, 30th March. | Hume Coll. |
| 2. | Etawah, 15th & 17th April. | Hume Coll. |
| 1. | Etawah, 3rd April (*W. E. Brooks: Tristram Coll.*). | Crowley Bequest. |
| 2. | Jhansi, 20th June. | Hume Coll. |
| 8. | Saugor, C. Provs., 15th April. | Hume Coll. |
| 3. | Saugor, 25th May. | Hume Coll. |
| 5. | Saugor, 4th June. | Hume Coll. |
| 1. | Trichinopoly, S. India. | Hume Coll. |
| 2. | Sikhim Terai. | Crowley Bequest. |

### Coracias affinis, *McClell.*

Coracias affinis, *Oates ed. Hume, Nests & Eggs Ind. Birds,* iii. p. 56 (1890); *Sharpe, Cat. Birds B. M.* xvii. p. 13 (1892); *Dresser, Mon. Coraciidæ,* p. 35 (1893); *Blanf. Fauna Brit. Ind., Birds,* iii. p. 105 (1895); *Sharpe, Hand-l.* ii. p. 46 (1900).

The eggs of the Burmese Roller measure from 1·23 to 1·43 in length, and from 1·03 to 1·1 in breadth.

| | | |
|---|---|---|
| 2. | Pegu, 26th March (*E. W. Oates*). | Oates Coll. |
| 2. | Pegu, 30th March (*E. W. O.*). | Oates Coll. |
| 2. | Pegu, 2nd April (*E. W. O.*). | Oates Coll. |
| 1. | Pegu, 2nd April (*E. W. O.*). | Seebohm Coll. |
| 5. | Zammee River, Tenasserim, 21st March (*C. T. Bingham*). | Hume Coll. |

### Coracias garrulus, *Linn.*

Coracias garrula, *Thien. Fortpflanz. ges. Vög.* tab. xli. fig. 9, *a*, *c* (1845–54); *Baedeker, Eier Eur. Vög.* tab. 11. fig. 12 (1855–63); *Hewitson, Eggs of Brit. Birds,* i. p. 253, pl. lxiv. fig. iii (1856); *Salvin, Ibis,* 1859, p. 302; *Saunders, Ibis,* 1871, p. 66; *Seebohm, Brit. Birds,* ii. p. 327, pl. 18 (1884); *Oates ed. Hume, Nests & Eggs Ind. Birds,* iii. p. 56 (1890); *Blanf. Fauna Brit. Ind., Birds,* iii. p. 106 (1895).

Coracias garrulus, *Dresser, Birds Eur.* v. p. 141 (1871); *Sharpe, Cat. Birds B. M.* xvii. p. 15 (1892); *Dresser, Mon. Coraciidæ,* p. 19 (1893); *Seebohm, Eggs of Brit. Birds,* p. 167, pl. 48. fig. 14 (1896); *Sharpe, Hand-l.* ii. p. 46 (1900).

The eggs of the European Roller measure from 1·2 to 1·51 in length, and from 1 to 1·2 in breadth.

| | | |
|---|---|---|
| 2. | Seville, Spain (*A. Ruiz*). | Seebohm Coll. |
| 1. | Seville (*H. Saunders*). | Seebohm Coll. |
| 2. | Pomerania (*T. Holland*). | Seebohm Coll. |
| 1. | Stettin, Pomerania (*T. H.*). | Seebohm Coll. |
| 1. | Styria (*E. Seidensacher*). | Seebohm Coll. |
| 3. | Volga (*H. F. Möschler*). | Seebohm Coll. |
| 2. | Kashmir, India, 30th May. | Hume Coll. |
| 1. | Sind Valley, Kashmir, 9th June. | Hume Coll. |
| 2. | Tunis. | L. Fraser, Esq. [C.]. |
| 3. | Chemora, Algeria, 30th May (*H. B. Tristram*). | Crowley Bequest. |
| 1. | Madracen, Algeria, 5th June (*H. B. T.*). | Crowley Bequest. |
| 1. | Ain Djendeli, Algeria, 19th May (*H. B. T.*). | Crowley Bequest. |
| 1. | Ain Djendeli, 21st May (*H. B. T.*). | Crowley Bequest. |
| 2. | Ain Djendeli, Algeria, 20th May (*O. Salvin*). | Salvin-Godman Coll. |
| 5. | Ain Djendeli, 25th May (*O. S.*). | Salvin-Godman Coll. |
| 1. | Ain Djendeli, 5th June (*O. S.*). | Salvin-Godman Coll. |

## Genus **EURYSTOMUS**, *Vieill.*

The eggs of the Broad-billed Rollers resemble those of the species of *Coracias*.

### **Eurystomus glaucurus** (*P. L. S. Müll.*).

Eurystomus glaucurus typicus, *Milne-Edwards & Grandidier, Hist. Nat. Madag., Ois.* i. p. 214, pl. 302. fig. 8 (1879).

Eurystomus madagascariensis, *Cowan, Proc. R. Phys. Soc. Edinb.* vii. p. 148 (1882).

Eurystomus glaucurus, *Sharpe, Cat. Birds B. M.* xvii. p. 29 (1892); *Dresser, Mon. Coraciidæ*, p. 53 (1893); *Sharpe, Hand-l.* ii. p. 47 (1900).

The eggs of the Madagascar Broad-billed Roller in the Collection measure from 1·28 to 1·4 in length, and from 1·03 to 1·18 in breadth.

| | | |
|---|---|---|
| 3. | Betsileo, Madagascar. | Rev. W. Deans Cowan [P.]. |
| 4. | Famala Country, Madagascar (*W. Deans Cowan*). | Crowley Bequest. |

### **Eurystomus lætior**, *Sharpe.*

Eurystomus orientalis, *Legge, Birds Ceyl.* p. 285, part. (1878); *Oates ed. Hume, Nests & Eggs Ind. Birds*, iii. p. 57, part. (1890); *Dresser, Mon. Coraciidæ*, p. 67, part. (1893); *Blanf. Fauna Brit. Ind., Birds*, iii. p. 107 (1895).

Eurystomus lætior, *Sharpe, Cat. Birds B. M.* xvii. p. 36 (1892); *id. Hand-l.* ii. p. 47 (1900).

Three eggs of the South-Indian Broad-billed Roller measure respectively: 1·4 by 1·15; 1·37 by 1·13; 1·3 by 1·12.

| | | |
|---|---|---|
| 3. | Travancore, S. India, 27th March (*F. Bourdillon*). | Hume Coll. |

### **Eurystomus australis**, *Swains.*

Coracias australis, *Thien. Fortpflanz. ges. Vög.* tab. xli. fig. 10 (1845–54).
Eurystomus pacificus, *Gould, Handb. Birds Austr.* i. p. 119 (1865); *Buller, Birds New Zeal.* 2nd ed. i. p. 118 (1888); *North, Nests & Eggs Austr. Birds*, p. 35, pl. xiv. fig. 1 (1889).
Eurystomus australis, *Sharpe, Cat. Birds B. M.* xvii. p. 36 (1892); *Le Souëf, Vict. Nat.* xvi. p. 70 (1899); *Sharpe, Hand-l.* ii. p. 47 (1900); *Campbell, Nests & Eggs Austr. Birds*, ii. p. 544 (1901).

The eggs of the Australian Broad-billed Roller measure from 1·31 to 1·38 in length, and from 1·05 to 1·13 in breadth.

| | | |
|---|---|---|
| 1. | Australia. | Gould Coll. |
| 1. | New South Wales. | Gould Coll. |
| 2. | Dawson River, Queensland, Oct. (*North Coll.*). | Crowley Bequest. |
| 4. | Dawson River, 5th Nov. (*North Coll.*). | Crowley Bequest. |

### **Eurystomus calonyx**, *Sharpe.*

Eurystomus calonyx, *Sharpe, Cat. Birds B. M.* xvii. p. 38 (1892); *id. Hand-l.* ii. p. 47 (1900).
Eurystomus orientalis, *Dresser, Mon. Coraciidæ*, p. 67, part. (1893).

The eggs of the Chinese Broad-billed Roller measure from 1·33 to 1·5 in length, and from 1·1 to 1·15 in breadth.

| | | |
|---|---|---|
| 1. | South China (*R. Swinhoe*). | Seebohm Coll. |
| 4. | Foochow, China, 29th May. | C. B. Rickett, Esq. [P.]. |
| 4. | Foochow, 29th May. | C. B. Rickett, Esq. [P.]. |
| 4. | Foochow, 30th May. | C. B. Rickett, Esq. [P.]. |
| 3. | Foochow, 3rd June. | C. B. Rickett, Esq. [P.]. |

## Sub-Order *HALCYONES.*

The eggs of the Kingfishers are pure white, spheroidal in shape, and generally highly glossy. They do not require to be separately described.

## Family ALCEDINIDÆ.

## Sub-Family ALCEDININÆ.

### Genus **PELARGOPSIS**, *Gloger.*

### **Pelargopsis gurial** (*Pearson*).

Pelargopsis gurial, *Sharpe, Mon. Alcedinidæ*, p. 105 (1870); *Legge, Birds Ceyl.* p. 295 (1878); *Oates ed. Hume, Nests & Eggs Ind. Birds*, iii. p. 11 (1890); *Sharpe, Cat. Birds B. M.* xvii. p. 101 (1892); *Blanf. Fauna Brit. Ind., Birds*, p. 129 (1895); *Sharpe, Hand-l.* ii. p. 49 (1900).

The eggs of the Indian Stork-billed Kingfisher in the Collection measure respectively: 1·08 by ·97; 1·18 by 1·04; 1·14 by 1·04.

| | | |
|---|---|---|
| 3. | Dibrughur, Assam, 27th April (*J. R. Cripps*). | Hume Coll. |

### Pelargopsis burmanica, *Sharpe.*

Pelargopsis burmanica, *Sharpe, Mon. Alcedinidæ,* p. 109 (1870); *Oates, Birds Brit. Burm.* ii. p. 78 (1883); *Oates ed. Hume, Nests & Eggs Ind. Birds,* iii. p. 12 (1890); *Sharpe, Cat. Birds B. M.* xvii. p. 104 (1892); *id. Hand-l.* ii. p. 49 (1900).

The eggs of the Burmese Stork-billed Kingfisher vary in length from 1·12 to 1·16, and in breadth from ·98 to 1·05.

| | | |
|---|---|---|
| 4. | Meplay River, Tenasserim, 23rd March (*C. T. Bingham*). | Hume Coll. |
| 3. | Tenasserim, 5th April (*C. T. B.*). | Hume Coll. |
| 3. | Sinzaway, Tenasserim, 10th April (*C. T. B.*). | Hume Coll. |

## Genus **CERYLE**, *Boie.*

The eggs of the Kingfishers of this genus are less distinctly spherical than those of the other members of the family, many being of a broad oval form with the smaller end somewhat pointed. The shell is very glossy.

### Ceryle rudis (*Linn.*).

Ceryle rudis, *Allen, Ibis,* 1862, p. 360; *Tristram, Ibis,* 1866, p. 84; *Sharpe, Mon. Alcedinidæ,* p. 61 (1871); *Dresser, Birds Eur.* v. p. 125 (1875); *Sharpe, Cat. Birds B. M.* xvii. p. 109 (1892); *id. Hand-l.* ii. p. 49 (1900).

Alcedo rudis, *Bree, Birds Eur.* iii. p. 166, pl. — (1867); *tom. cit.* 2nd ed. iv. p. 79, pl. — (1875).

The eggs of the Pied Kingfisher measure from 1·1 to 1·17 in length, and from ·87 to ·97 in breadth.

| | | |
|---|---|---|
| 2. | Palestine, 20th May (*H. B. Tristram*). | Salvin-Godman Coll. |
| 2. | Lake of Genesaret, Palestine, 28th April (*H. B. T.*). | Crowley Bequest. |
| 5. | Lake of Genesaret, 21st May (*H. B. T.*). | Crowley Bequest. |
| 1. | Damietta, Egypt, April (*S. Stafford Allen*). | Salvin-Godman Coll. |
| 2. | River Nile. | Gould Coll. |
| 2. | Nile Delta (*J. H. Cochrane*). | Seebohm Coll. |
| 2. | Cape of Good Hope (*E. L. Layard: Tristram Coll.*). | Crowley Bequest. |

### Ceryle varia, *Strickl.*

Ceryle rudis, *Sharpe, Mon. Alcedinidæ,* p. 61, part. (1871); *Legge, Birds Ceyl.* p. 288 (1878); *Oates ed. Hume, Nests & Eggs,* iii. p. 8 (1890).

Ceryle varia, *Sharpe, Cat. Birds B. M.* xvii. p. 112 (1892); *Blanf. Fauna Brit. Ind., Birds,* iii. p. 119 (1895); *Sharpe, Hand-l.* ii. p. 49 (1900).

The eggs of the Indian Pied Kingfisher measure from 1·12 to 1·25 in length, and from ·9 to 1 in breadth.

| | | |
|---|---|---|
| 5. | Delhi, N.W.P. India, 9th March (*C. T. Bingham*). | Hume Coll. |
| 4. | Raipur, C. Provs. (*F. R. Blewitt*). | Hume Coll. |
| 1. | Pegu, 19th Oct. (*E. W. Oates*). | Seebohm Coll. |
| 1. | Pegu, 19th Oct. (*E. W. O.*). | Oates Coll. |
| 2. | Pegu, 25th Oct. (*E. W. O.*). | Oates Coll. |
| 1. | Pegu, 1st Nov. (*E. W. O.*). | Oates Coll. |
| 1. | Pegu, 25th Nov. (*E. W. O.*). | Oates Coll. |

### Ceryle torquata (*Linn.*).

Ceryle torquata, *Scl. & Salv. P. Z. S.* 1866, p. 191; *Sharpe, Mon. Alcedinidæ,* p. 73 (1870); *id. Cat. Birds B. M.* xvii. p. 121 (1892); *Nehrk. Kat. Eiersamml.* p. 160 (1899); *von Ihering, Rev. Mus. Paulista,* iv. p. 259 (1900); *Sharpe, Hand-l.* ii. p. 50 (1900).

An egg of the Ringed Kingfisher in the Collection is covered with numerous minute blackish pores, and measures 1·73 by 1·35.

| | | |
|---|---|---|
| 1. | Upper Ucayali River, Peru (*E. Bartlett: Tristram Coll.*). | Crowley Bequest. |

### Ceryle alcyon (*Linn.*).

Streptoceryle alcyon, *Baedeker, Eier Eur. Vög.* tab. 11. fig. 11 (1855–63).
Ceryle alcyon, *Brewer, N. Amer. Ool.* pt. i. p. 110, pl. iv. fig. 52 (1856); *A. & E. Newton, Ibis,* 1859, p. 67; *Lord, Proc. R. A. Inst., Woolwich,* iv. p. 337 (1865); *Sharpe, Mon. Alcedinidæ,* p. 79 (1868); *Baird, Brewer & Ridgw. N. Amer. Birds,* ii. p. 392 (1874); *Seebohm, Brit. Birds,* ii. p. 348, pl. 18 (1884); *Sharpe, Cat. Birds B. M.* xvii. p. 125 (1892); *Bendire, Life-Hist. N. Amer. Birds,* ii. p. 34, pl. i. fig. 3 (1895); *Seebohm, Eggs of Brit. Birds,* p. 169, pl. 48. fig. 12 (1896); *Sharpe, Hand-l.* ii. p. 50 (1900).

The eggs of the Belted Kingfisher measure from 1·26 to 1·55 in length, and from 1·04 to 1·1 in breadth.

| | | |
|---|---|---|
| 1. | North America. | Old Collection. |
| 5. | North America. | Seebohm Coll. |
| 2. | North America (*Montreal Mus.*). | Seebohm Coll. |
| 2. | North America. | Crowley Bequest. |
| 1. | North America (*Smiths. Inst.*). | Salvin-Godman Coll. |
| 5. | Canada. | Crowley Bequest. |
| 2. | British Columbia, June (*J. K. Lord*). | N. Amer. Bound. Comm. |
| 2. | New Brunswick, 5th May (*H. E. Dresser*). | Crowley Bequest. |
| 1. | Wisconsin (*T. M. Brewer*). | Salvin-Godman Coll. |
| 3. | New York, May (*J. G. Bell: Tristram Coll.*). | Crowley Bequest. |
| 6. | Mayville, New York, 18th May. | W. Radcliffe Saunders, Esq. [P.]. |

| | | |
|---|---|---|
| 5. | Mayville, New York, 18th May. | Radcliffe Saunders Coll. |
| 2. | Massachusetts (*Henshaw Coll.*). | Salvin-Godman Coll. |
| 6. | New Jersey, 8th May (*W. E. D. Scott*). | Princeton University, N.J. [E.]. |
| 2. | St. Croix, W. Indies (*A. & E. Newton*). | Seebohm Coll. |

### Ceryle amazona (*Lath.*).

Ceryle amazonia, *Sharpe, Mon. Alcedinidæ,* p. 83 (1869).
Ceryle amazona, *Scl. & Huds. Argent. Orn.* ii. p. 27 (1889); *Sharpe, Cat. Birds B. M.* xvii. p. 129 (1892); *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 475 (1895); *Nehrk. Kat. Eiersamml.* p. 160 (1899); *Sharpe, Hand-l.* ii. p. 50 (1900); *von Ihering, Rev. Mus. Paulista,* iv. p. 260 (1900).

Four eggs of the Amazon Green Kingfisher measure respectively: 1·24 by 1; 1·2 by 1·03; 1·25 by ·96; 1·23 by ·99.

| | | |
|---|---|---|
| 3. | British Honduras, 25th May (*F. Blancaneaux*). | Salvin-Godman Coll. |
| 1. | S. America. | Crowley Bequest. |

### Ceryle septentrionalis, *Sharpe.*

Ceryle americana, *Brewer, N. Amer. Ool.* pt. i. p. 111, pl. iv. fig. 53 (1856).
Ceryle cabanisi, *Sharpe, Mon. Alcedinidæ,* p. 87 (1868).
Ceryle americana, var. cabinisi, *Baird, Brewer & Ridgw. N. Amer. Birds,* ii. p. 396 (1874).
Ceryle septentrionalis, *Sharpe, Cat. Birds B. M.* p. 134 (1892); *id. Hand-l.* ii. p. 50 (1900).
Ceryle americana septentrionalis, *Bendire, Life-Hist. N. Amer. Birds,* ii. p. 39, pl. i. fig. 4 (1895).

Four eggs of the Texan Green Kingfisher measure respectively: ·92 by ·73; ·91 by ·73: ·95 by ·73; ·94 by ·74.

| | | |
|---|---|---|
| 4. | S. Antonio, Texas, 16th March (*H. P. Attwater*). | Salvin-Godman Coll. |
| 2. | Mazatlan, Mexico, 24th May (*A. Forrer*). | Crowley Bequest. |

## Genus **ALCEDO**, *Linn.*

The eggs of the species of this genus are perhaps more nearly spherical in shape than those of the other members of this family. They are also extremely glossy.

### Alcedo ispida, *Linn.*

Alcedo ispida, *Thien. Fortpflanz. ges. Vög.* tab. xiii. fig. 2 (1845–54); *Baedeker, Eier Eur. Vög.* tab. ii. fig. 9 (1855–63); *Hewitson, Eggs of Brit. Birds,* i. p. 255, pl. lxiv. fig. i (1856); *Sharpe, Mon. Alcedinidæ,* p. 1 (1870); *Dresser, Birds Eur.* v. p. 113 (1875); *Legge, Birds Ceyl.* p. 292 (1878); *Seebohm, Brit. Birds,* ii. p. 341, pl. 18 (1884); *Sharpe, Cat. Birds B. M.* xvii. p. 141 (1892); *Blanf. Fauna Brit. Ind., Birds,* iii. p. 122 (1895); *Seebohm, Eggs of Brit. Birds,* p. 168, pl. 48 fig. 7 (1896); *Sharpe, Hand-l.* ii. p. 50 (1900).

Alcedo bengalensis, *Oates ed. Hume, Nests & Eggs Ind. Birds,* iii. p. 1 (1890); *La Touche, Ibis,* 1892, p. 479.

Eggs of the Common Kingfisher, taken in Europe, measure from ·87 to ·95 in length, and from ·72 to ·8 in breadth. Eggs of the smaller Asiatic form (*A. bengalensis*) measure only from ·75 to ·87 in length, and from ·65 to ·72 in breadth.

| | | |
|---|---|---|
| 3. | Keswick, Cumberland (*Hargitt Coll.*). | Seebohm Coll. |
| 2. | Ashopton, Derbyshire, 4th May (*H. Seebohm*). | Seebohm Coll. |
| 3. | Cambridgeshire. | F. Bond, Esq. [P.]. |
| 3. | Burn Brook, Cambridgeshire. | Salvin-Godman Coll. |
| 9. | Oxfordshire (*H. Saunders*). | Seebohm Coll. |
| 7. | Alton, Hants (*J. Cooper*). | Crowley Bequest. |
| 9. | Frensham, Hants. | Crowley Bequest. |
| 3. | Hendon, Middlesex. | Salvin-Godman Coll. |
| 8. | River Thames. | Gould Coll. |
| 6. | Elbeuf, France (*Noury: Hargitt Coll.*). | Seebohm Coll. |
| 6. | Elbeuf (*Noury: Hargitt Coll.*). | Seebohm Coll. |
| 4. | Stolp, Pomerania, 7th April (*T. Holland*). | Seebohm Coll. |
| 3. | Jerripani, Mussoori, Himalayas. | Hume Coll. |
| 1. | River Jumna, 18th Sept. | Hume Coll. |
| 6. | Ahmednugger, 15th March (*Rev. H. Bruce*). | Hume Coll. |
| 1. | Neddivuttum, Madras (*J. Darling*). | Hume Coll. |
| 2. | Nilghiri Hills, March. | Hume Coll. |
| 2. | Calcutta, 27th July. | Crowley Bequest. |
| 1. | Shanghai, China. | J. Whitehead, Esq. [C.]. |
| 4. | Foochow, China, 19th June. | C. B. Rickett, Esq. [P.]. |
| 1. | Foo-chow, 9th July. | C. B. Rickett, Esq. [P.]. |
| 3. | Chinkiang, Foh-kien, 12th May. | C. B. Rickett, Esq. [P.]. |
| 4. | Fuji, Japan, 1st July. | Radcliffe Saunders Coll. |

## Alcedo meningting, *Horsf.*

Alcedo asiatica, *Sharpe, Mon. Alcedinidæ,* p. 23 (1870).

Alcedo meningting, *Sharpe, P. Z. S.* 1879, p. 329; *id. Cat. Birds B. M.* xvii. p. 157 (1892); *Blanf. Fauna Brit. Ind., Birds,* iii. p. 125 (1895); *Nehrk. Kat. Eiersamml.* p. 160 (1899); *Sharpe, Hand-l.* ii. p. 51 (1900).

Four eggs of the Malayan Kingfisher measure respectively: ·75 by ·65; ·77 by ·62; ·79 by ·65; ·75 by ·64.

| | | |
|---|---|---|
| 4. | Labuan, Borneo. | Sir Hugh Low [C.]. |
| 2. | Borneo (*Sir Hugh Low*). | Crowley Bequest. |

## Alcedo beavani, *Walden.*

Alcedo asiatica (*nec Sw.*), *Oates, Birds Brit. Burm.* ii. p. 73 (1883); *Oates ed. Hume, Nests & Eggs Ind. Birds,* iii. p. 6 (1890).

Alcedo beavani, *Sharpe, Cat. Birds B. M.* xvii. p. 160 (1892); *Blanf. Fauna Brit. Ind., Birds,* iii. p. 124 (1895); *Sharpe, Hand-l.* ii. p. 51 (1900).

Eggs of Beavan's Kingfisher measure from ·75 to ·8 in length, and from ·68 to ·7 in breadth.

| | | |
|---|---|---|
| 4. | N. Cachar, 4th April. | E. C. Stuart Baker, Esq. [C.]. |
| 1. | Pegu, 2nd July (*E. W. Oates*). | Hume Coll. |
| 1. | Pegu, 9th July (*E. W. O.*). | Seebohm Coll. |
| 2. | Pegu, 2nd July (*E. W. O.*). | Oates Coll. |
| 3. | Pegu, 9th July (*E. W. O.*). | Oates Coll. |
| 2. | Pegu, 20th July (*E. W. O.*). | Oates Coll. |

## Genus **CORYTHORNIS**, *Kaup.*

The eggs of the Kingfishers of this genus resemble those of the species of *Alcedo*, but are less glossy.

### **Corythornis cristata** (*Linn.*).

Corythornis vintsioides, *Sharpe, Mon. Alcedinidæ*, p. 33 (1869).
Corythornis cristata, *Milne-Edwards & Grandidier, Hist. Nat. Madag., Ois.* i. p. 255, pl. 302. fig. 12 (1879); *Cowan, Proc. R. Phys. Soc. Edinb.* vii. p. 148 (1882); *Sharpe, Cat. Birds B. M.* xvii. p. 162 (1892); *Nehrk. Kat. Eiersamml.* p. 160 (1899); *Sharpe, Hand-l.* ii. p. 51 (1900).

Four eggs of the Dusky-crested Kingfisher measure respectively: ·8 by ·59; ·73 by ·62; ·7 by ·6; ·75 by ·6.

| | | |
|---|---|---|
| 4. | Betsileo, Madagascar. | Rev. W. Deans Cowan [P.]. |

### **Corythornis cyanostigma** (*Rüpp.*).

Corythornis cristata, *Gurney, Ibis*, 1859, p. 245; *Sharpe, Mon. Alcedinidæ*, p. 35 (1869).
Corythornis cyanostigma, *Sharpe, ed. Layard's Birds S. Africa*, p. 108 (1875–84); *Sharpe, Cat. Birds B. M.* xvii. p. 163 (1892); *Nehrk. Kat. Eiersamml.* p. 160 (1899); *Sharpe, Hand-l.* ii. p. 52 (1900).

Four eggs of the Malachite-crested Kingfisher measure respectively: ·71 by ·58; ·76 by ·56; ·75 by ·62; ·74 by ·62.

| | | |
|---|---|---|
| 4. | Natal. | T. Ayres, Esq. [C.]. |
| 4. | Transvaal (*T. Ayres*). | Crowley Bequest. |

## Genus **ALCYONE**, *Swains.*

The eggs of the Kingfishers of this genus are similar to those of the species of *Corythornis*.

### **Alcyone azurea** (*Lath.*).

Alcyone azurea, *Gould, Handb. Birds Austr.* i. p. 139 (1865); *North, Nests & Eggs Austr. Birds*, p. 40 (1889); *Sharpe, Cat. Birds B. M.* xvii. p. 168 (1892); *Nehrk. Kat. Eiersamml.* p. 160 (1899); *Sharpe, Hand-l.* ii. p. 52 (1900); *Campbell, Nests & Eggs Austr. Birds*, ii. p. 547 (1901).
Alcyone diemenensis, *Gould, tom. cit.* p. 141.
Alcyone diemensis, *Sharpe, Mon. Alcedinidæ*, p. 47 (1870).

The eggs of the Azure Kingfisher measure ·85 by ·74; ·82 by ·72; ·8 by ·69; ·83 by ·73; ·89 by ·75; ·85 by ·74; ·83 by ·73.

| | | |
|---|---|---|
| 1. | New South Wales. | Gould Coll. |
| 3. | Liverpool, N.S.W., 18th Dec. (*A. J. North*). | Crowley Bequest. |
| 3. | Murray River, N.S.W., Dec. | W. Radcliffe Saunders, Esq. [P.]. |

### **Alcyone pulchra**, *Gould.*

Alcyone pulchra, *Gould, Handb. Birds Austr.* i. p. 141 (1865); *Sharpe, Mon. Alcedinidæ*, p. 45 (1870); *North, Nests & Eggs Austr. Birds*, p. 41 (1889); *Sharpe, Cat. Birds B. M.* xvii. p. 169 (1892); *id. Hand-l.* ii. p. 52 (1900).

Alcyone azurea pulchra, *Campbell, Nests & Eggs Austr. Birds*, ii. p. 549 (1901).

Two eggs of the Resplendent Kingfisher measure respectively: ·81 by ·72; ·82 by ·72.

| | | |
|---|---|---|
| 2. | Port Essington, Australia. | Gould Coll. |

## Sub-Family DACELONINÆ.

### Genus **CEYX**, *Lacép.*

### **Ceyx dillwynni**, *Sharpe.*

Ceyx dillwynni, *Sharpe, Mon. Alcedinidæ*, p. 125 (1870); *id. P. Z. S.* 1879, p. 330; *id. Ibis*, 1890, p. 19; *id. Cat. Birds B. M.* xvii. p. 177 (1892); *id. Hand-l.* ii. p. 52 (1900).

The eggs of Dillwyn's Kingfisher in the Collection are spheroidal in shape, very glossy, and measure respectively: ·77 by ·6; ·75 by ·61; ·72 by ·6; ·72 by ·62. A specimen, taken by the late Mr. Whitehead in Borneo, is much larger, measuring ·87 by ·71.

| | | |
|---|---|---|
| 1. | Borneo. | Crowley Bequest. |
| 3. | Labuan, Borneo. | Sir Hugh Low [C.]. |
| 1. | Lawas River, Borneo, 5th April (*J. Whitehead*). | Crowley Bequest. |

### Genus **SYMA**, *Less.*

### **Syma torotoro**, *Less.*

Syma torotoro, *Sharpe, Mon. Alcedinidæ*, p. 151 (1869); *id. Cat. Birds B. M.* xvii. p. 196 (1892); *id. Hand-l.* ii. p. 55 (1900).

Four eggs of the Saw-billed Kingfisher in the Collection are spheroidal in form and very glossy. They measure respectively: ·93 by ·79; ·92 by ·8; ·94 by ·8; ·93 by ·8.

| | | |
|---|---|---|
| 4. | S.E. New Guinea. | Herr Weiske [C.]. |

## Genus **DACELO**, *Leach.*

The eggs of the large Kingfishers of this genus are either of a broad oval or of a spheroidal shape, and they exhibit but little gloss.

### **Dacelo gigas** (*Bodd.*).

Dacelo gigas, *Thien. Fortpflanz.* p. 105, tab. xiv. fig. 18 (1845–54); *Gould, Handb. Birds Austr.* i. p. 122 (1865); *Sharpe, Mon. Alcedinidæ*, p. 285 (1870); *North, Nests & Eggs Austr. Birds*, p. 36, pl. vi. fig. 1 (1889); *Sharpe, Cat. Birds B. M.* xvii. p. 204 (1892); *Nehrk. Kat. Eiersamml.* p. 160 (1899); *Sharpe, Hand-l.* ii. p. 55 (1900); *Campbell, Nests & Eggs Austr. Birds.* ii. p. 551 (1901).

The eggs of the Laughing Kingfisher measure from 1·67 to 1·8 in length, and from 1·3 to 1·45 in breadth.

| | | |
|---|---|---|
| 1. | New South Wales. | Gould Coll. |
| 3. | South Australia. | Gould Coll. |
| 2. | South Australia. | Gould Coll. |
| 2. | Gippsland, Victoria, 13th Sept. | W. Radcliffe Saunders, Esq. [P.]. |
| 1. | Gippsland, Victoria. | F. A. Philbrick, Esq., K.C. [P.]. |
| 2. | Western Port, Victoria, 14th Oct. (*A. J. North*). | Crowley Bequest. |
| 3. | Frankston, Victoria, 21st Sept. (*A. J. N.*). | Crowley Bequest. |
| 2. | Mitcham, Victoria, 17th Oct. | W. Radcliffe Saunders, Esq. [P.]. |

### **Dacelo leachii**, *Vig. & Horsf.*

Dacelo leachii, *Gould, Handb. Birds Austr.* i. p. 124 (1865); *Sharpe, Mon. Alcedinidæ*, p. 289 (1870); *North, Nests & Eggs Austr. Birds*, p. 36, pl. vi. fig. 2 (1889); *Sharpe, Cat. Birds B. M.* xvii. p. 206 (1892); *Nehrk. Kat. Eiersamml.* p. 160 (1899); *Sharpe, Hand-l.* ii. p. 55 (1900); *Campbell, Nests & Eggs Austr. Birds*, ii. p. 554 (1901).

The eggs of Leach's Laughing Kingfisher measure from 1·57 to 1·8 in length, and from 1·31 to 1·47 in breadth.

| | | |
|---|---|---|
| 3. | Cape York, N. Australia. | Gould Coll. |
| 2. | Dawson River, Queensland, Oct. (*North Coll.*). | Crowley Bequest. |
| 2. | Dawson River (*North Coll.*). | Crowley Bequest. |

## Genus **SAUROMARPTIS**, *Cab. & Heine.*

### **Sauromarptis gaudichaudi** (*Q. & G.*).

Dacelo gaudichaudi, *Sharpe, Mon. Alcedinidæ*, p. 295 (1869); *Le Souëf, Ibis*, 1900, p. 616.

Sauromarptis gaudichaudi, *Sharpe, Cat. Birds B. M.* xvii. p. 209 (1892); *Nehrk. Kat. Eiersamml.* p. 161 (1899); *Sharpe, Hand-l.* ii. p. 56 (1900).

Four eggs of Gaudichaud's Kingfisher in the Collection are of a very broad oval or spheroidal shape, highly glossy, and measure respectively: 1·43 by 1·2; 1·37 by 1·2; 1·51 by 1·17; 1·45 by 1·15. Two others are of a pointed oval shape, and measure 1·5 by 1·17; 1·4 by 1·12 respectively.

| | | |
|---|---|---|
| 2. | Sariba Island, New Guinea, 11th Oct. | C. A. Barnard, Esq. [C.]. |
| 2. | Sariba Island, 20th Oct. | C. A. Barnard, Esq. [C.]. |
| 2. | Aru Islands (*Nehrkorn Coll.*). | Crowley Bequest. |

## Genus **HALCYON**, *Swains.*

The eggs of the Kingfishers of this genus are very rounded and some are perfectly spherical. When fresh, they are extremely glossy.

### Halcyon coromandus (*Lath.*).

Halcyon coromandus, *Sharpe, Mon. Alcedinidæ*, p. 155 (1870); *id. P. Z. S.* 1879, p. 331; *id. Cat. Birds B. M.* xvii. p. 217 (1892); *id. Hand-l.* ii. p. 56 (1900); *Nehrk. Kat. Eiersamml.* p. 161 (1899).
Callialcyon lilacina, *Blanf. Fauna Brit. Ind., Birds*, iii. p. 134 (1895).

Five eggs of the Ruddy Kingfisher measure 1·2 in length, and from 1·1 to 1·2 in breadth.

| | | |
|---|---|---|
| 5. | Labuan, Borneo. | Sir Hugh Low [C.]. |

### Halcyon smyrnensis (*Linn.*).

Halcyon smyrnensis, *Layard, Ann. Mag. Nat. Hist.* 2nd ser. xii. p. 172 (1853); *Swinhoe, Ibis*, 1860, p. 48; *Tristram, Ibis*, 1866, p. 86; *Sharpe, Mon. Alcedinidæ*, p. 161; *Dresser, Birds Eur.* v. p. 133 (1875); *Legge, Birds Ceylon*, p. 298 (1878); *Oates ed. Hume, Nests & Eggs Ind. Birds*, iii. p. 15 (1890); *Sharpe, Cat. Birds B. M.* xvii. p. 222 (1892); *La Touche, Ibis*, 1892, p. 479; *Blanf. Faun. Brit. Ind., Birds*, iii. p. 132 (1895); *Sharpe, Hand-l.* ii. p. 56 (1900).

The eggs of the White-breasted Kingfisher measure from 1 to 1·25 in length, and from 0·9 to 1·05 in breadth.

| | | |
|---|---|---|
| 1. | Palestine, 23rd May (*H. B. Tristram*). | Salvin-Godman Coll. |
| 2. | Sea of Galilee, 28th April (*H. B. T.*). | Crowley Bequest. |
| 4. | Sind (*J. H. Gould*). | Gould Coll. |
| 4. | Hansi, Punjab (*W. Blewitt*). | Hume Coll. |
| 4. | Hansi, 12th May (*W. B.*). | Hume Coll. |
| 3. | Hansi, 24th May (*W. B.*). | Hume Coll. |
| 2. | Hansi, 27th May (*W. B.*). | Hume Coll. |
| 2. | Hansi, 2nd June (*W. B.*). | Hume Coll. |
| 2. | Hansi, 5th June (*W. B.*). | Hume Coll. |
| 5. | Hansi, 7th June (*W. B.*). | Hume Coll. |
| 2. | Hansi, 15th June (*W. B.*). | Hume Coll. |
| 3. | Hansi, 28th June (*W. B.*). | Hume Coll. |
| 3. | Sambhur, 27th June (*R. M. Adam*). | Hume Coll. |
| 3. | Meerut, N.W. Provs., 9th May. | Hume Coll. |
| 3. | Saharunpur, 25th April (*G. F. L. Marshall*). | Hume Coll. |
| 1. | Saharunpur, 9th May (*G. F. L. M.*). | Hume Coll. |
| 4. | Delhi, 5th June (*C. T. Bingham*). | Hume Coll. |

| | | |
|---|---|---|
| 2. | Raipur, C. Provs., 3rd July. | Hume Coll. |
| 1. | Saugor, C. Provs., 25th May. | Hume Coll. |
| 6. | Mynall, Travancore, 9th April (*F. Bourdillon*). | Hume Coll. |
| 1. | Ceylon (*E. L. Layard*). | Salvin-Godman Coll. |
| 1. | Ceylon, June (*A. L. Butler*). | Crowley Bequest. |
| 3. | Dibrughur, Assam, 27th April (*J. R. Cripps*) | Hume Coll. |
| 6. | Pegu, March (*E. W. Oates*). | Hume Coll. |
| 1. | Pegu, 15th April (*E. W. O.*). | Hume Coll. |
| 1. | Pegu, March (*E. W. O.*). | Seebohm Coll. |
| 1. | Pegu, 15th April (*E. W. O.*). | Oates Coll. |
| 2. | Thoungyin River, Tenasserim, 23rd March. | Col. C. T. Bingham [P.]. |
| 4. | Tavoy, Tenasserim, 13th March. | Hume Coll. |
| 1. | Amoy, China (*R. Swinhoe*). | Seebohm Coll. |
| 1. | Hong-Kong, June. | C. B. Rickett, Esq. [P.]. |

## **Halcyon gularis** (*Kuhl*).

Halcyon gularis, *Sharpe, Mon. Alcedinidæ.* p. 165 (1870); *id. Cat. Birds B. M.* xvii. p. 227 (1892); *id. Hand-l.* ii. p. 56 (1900).

Two eggs of the White-throated Kingfisher in the Collection measure respectively: 1·18 by 1·05; 1·19 by 1·05.

| | | |
|---|---|---|
| 2. | Marinduque Isl., Philippines, May (*Moseley*). | Crowley Bequest. |

## **Halcyon cyaniventris** (*Vieill.*).

Alcedo omnicolor, *Thien. Fortpflanz. ges. Vög.* p. 104, tab. xiii. fig. 1 (1845–54).

Halcyon cyaniventris, *Sharpe, Mon. Alcedinidæ,* p. 167 (1870); *id. Cat. Birds B. M.* xvii. p. 228 (1892); *id. Hand-l.* ii. p. 56 (1900); *Nehrk. Kat. Eiersamml.* p. 161 (1899).

Two eggs of the Many-coloured Kingfisher in the Collection measure respectively: 1·22 by 1·02; 1·2 by 1·03.

| | | |
|---|---|---|
| 2. | Lockaboeni, Java, 25th April. | Crowley Bequest. |

## **Halcyon pileatus** (*Bodd.*).

Halcyon pileatus, *Sharpe, Mon. Alcedinidæ,* p. 169 (1868); *Legge, Birds Ceylon,* p. 301 (1878); *Sharpe, P. Z. S.* 1879, p. 331; *id. Cat. Birds B. M.* xvii. p. 229 (1892); *Blanf. Faun. Brit. Ind., Birds,* iii. p. 133 (1895); *La Touche, Ibis,* 1900, p. 44; *Sharpe, Hand-l.* ii. p. 57 (1900).

Five eggs of the Black-capped Kingfisher in the Collection measure from 1·11 to 1·17 in length, and from ·94 to 1 in breadth. Two others are of larger size, measuring respectively: 1·24 by 1·1; 1·29 by 1·08.

| | | |
|---|---|---|
| 5. | Labuan, Borneo. | Sir Hugh Low [C.]. |
| 2. | Kiukiang, China (*Leech: Seebohm Coll.*). | Crowley Bequest. |

### Halcyon pallidiventris, *Cab.*

Halcyon semicærulea, *Sharpe, Mon. Alcedinidæ,* p. 173 (1870); *id. ed. Layard's Birds S. Africa,* p. 114 (1875–84).
Halcyon pallidiventris, *Sharpe, Cat. Birds B. M.* xvii. p. 235 (1892); *id. Hand-l.* ii. p. 57 (1900).

Four eggs of the Pale-bellied Kingfisher in the Collection measure respectively: ·92 by ·82; ·95 by ·82; ·9 by ·83; ·95 by ·85.

| | | |
|---|---|---|
| 4. | Ruo River, British Central Africa. | A. B. Percival, Esq. [C.]. |

### Halcyon chelicutensis (*Stanley*).

Halcyon chelicutensis, *Sharpe, Mon. Alcedinidæ,* p. 183 (1870); *id. ed. Layard's Birds S. Africa,* p. 117 (1875–84); *id. Cat. Birds B. M.* xvii. p. 239 (1892); *id. Hand-l.* ii. p. 57 (1900).

Two eggs of the Striped Kingfisher measure respectively: ·9 by ·8; ·91 by ·8.

| | | |
|---|---|---|
| 2. | Zomba, British Central Africa. | Sir H. H. Johnston [P.]. |

### Halcyon saurophagus, *Gould.*

Halcyon albicilla, *Sharpe, Mon. Alcedinidæ,* p. 197, part. (1871).
Halcyon saurophagus, *Sharpe, Cat. Birds B. M.* xvii. p. 249 (1892); *id. Hand-l.* ii. p. 58 (1900); *Nehrk. Kat. Eiersamml.* p. 161 (1899).

Two eggs of the White-and-Green Kingfisher measure respectively: 1·1 by ·9; 1·1 by ·85.

| | | |
|---|---|---|
| 2. | St. Aignan, Louisiade Archipelago. | E. S. Meek, Esq. [C.]. |

### Halcyon macleayi, *J. & S.*

Cyanalcyon macleayi, *Gould, Handb. Birds Austr.* i. p. 133 (1865).
Halcyon macleayi, *Sharpe, Mon. Alcedinidæ,* p. 207 (1870); *North, Nests & Eggs Austr. Birds,* p. 38 (1889); *Sharpe, Cat. Birds B. M.* xvii. p. 254 (1892); *Nehrk. Kat. Eiersamml.* p. 161 (1899); *Robinson & Laverock, Ibis,* 1900, p. 639; *Sharpe, Hand-l.* ii. p. 58 (1900); *Campbell, Nests & Eggs Austr. Birds,* ii. p. 556 (1901).

The eggs of Macleay's Kingfisher measure from ·9 to 1·03 in length, and from ·81 to ·88 in breadth.

| | | |
|---|---|---|
| 1. | Port Essington, N. Australia (*Gould Coll.*). | Crowley Bequest. |
| 3. | Moreton Bay, Queensland. | Gould Coll. |
| 5. | Herbert River, Queensland. | S. Boyd, Esq. [P.]. |
| 1. | Rockampton, Queensland, 10th Sept. (*North Coll.*). | Crowley Bequest. |
| 5. | Dawson River, Queensland, 29th Oct. (*North Coll.*). | Crowley Bequest. |
| 1. | Melbourne, Victoria. | Salvin-Godman Coll. |

### Halcyon pyrrhopygius, *Gould.*

Todirhamphus pyrrhopygius, *Gould, Handb. Birds Austr.* i. p. 130 (1865).
Halcyon pyrrhopygius, *Sharpe, Mon. Alcedinidæ,* p. 211 (1870); *North, Nests & Eggs Austr. Birds,* p. 38 (1889); *Sharpe, Cat. Birds B. M.* xvii. p. 258 (1892); *Le Souëf, Vict. Nat.* xvi. p. 70 (1899); *Sharpe, Hand-l.* ii. p. 59 (1900); *Campbell, Nests & Eggs Austr. Birds,* ii. p. 557 (1901).

The eggs of the Red-backed Kingfisher measure from ·92 to 1·03 in length, and from ·84 to ·88 in breadth.

| | |
|---|---|
| 2. South Australia. | Gould Coll. |
| 3. Lachlan River, N.S.W., 2nd Nov. (*A. J. North*). | Crowley Bequest. |

### Halcyon sacer (*Gm.*).

Halcyon sacra, *Sharpe, Mon. Alcedinidæ,* p. 223 (1870); *Layard, P. Z. S.* 1875, p. 427.
Halcyon sacer, *Sharpe, Cat. Birds B. M.* xvii. p. 262 (1892); *id. Hand-l.* ii. p. 59 (1900); *Nehrk. Kat. Eiersamml.* p. 161 (1899).

The eggs of the White-browed Kingfisher in the Collection measure from 1·08 to 1·17 in length, and from ·88 to ·93 in breadth.

| | |
|---|---|
| 6. Fiji Islands (*E. L. Layard: Tristram Coll.*). | Crowley Bequest. |

### Halcyon occipitalis (*Blyth*).

Halcyon occipitalis, *Oates ed. Hume, Nests & Eggs Ind. Birds,* iii. p. 19 (1890); *Sharpe, Cat. Birds B. M.* xvii. p. 265 (1892); *id. Hand-l.* ii. p. 58 (1900).
Sauropatis occipitalis, *Blanf. Faun. Brit. Ind., Birds,* iii. p. 137 (1895).

The egg of Blyth's White-collared Kingfisher in the Collection measures 1·13 by ·94.

| | |
|---|---|
| 1. Camorta, Nicobar Islands, 24th Feb. (*W. Davison*). | Hume Coll. |

### Halcyon sanctus, *Vig. & Horsf.*

Todiramphus sanctus, *Gould, Handb. Birds Austr.* i. p. 128 (1865).
Halcyon sanctus, *Sharpe, Mon. Alcedinidæ,* p. 239 (1870); *North, Nests & Eggs Austr. Birds,* p. 37 (1889); *Sharpe, Cat. Birds B. M.* xvii. p. 267 (1892); *Le Souëf, Vict. Nat.* xvi. p. 71 (1899); *Sharpe, Hand-l.* ii. p. 60 (1900); *Campbell, Nests & Eggs Austr. Birds,* ii. p. 558 (1901).

The eggs of the Sacred Kingfisher measure from ·96 to 1·04 in length, and from ·83 to ·87 in breadth.

| | |
|---|---|
| 2. Australia. | Gould Coll. |
| 2. Queensland. | Gould Coll. |
| 3. New South Wales. | Gould Coll. |

| | | |
|---|---|---|
| 5. | Wellington, N.S.W., 3rd Dec. (*A. J. North*). | Crowley Bequest. |
| 1. | Sydney, Oct. (*E. P. Ramsay: Tristram Coll.*). | Crowley Bequest. |
| 2. | Albert Park, Victoria, 10th Nov. (*A. J. North*). | Crowley Bequest. |

### **Halcyon vagans** (*Less.*).

Halcyon vagans, *Potts, Trans. New Zeal. Inst.* ii. p. 52 (1869); iii. p. 69 (1870); v. p. 172 (1872); *Sharpe, Mon. Alcedinidæ*, p. 237 (1871); *Buller, Birds New Zeal.* 2nd ed. i. p. 121 (1888); *Sharpe, Cat. Birds B. M.* xvii. p. 271 (1892); *Nehrk. Kat. Eiersamml.* p. 161 (1899); *Sharpe, Hand-l.* ii. p. 60 (1900).

The eggs of the New Zealand Kingfisher measure from 1·02 to 1·1 in length, and from ·83 to ·92 in breadth.

| | | |
|---|---|---|
| 1. | Canterbury, New Zealand. | Capt. R. Snow [P.]. |
| 1. | Canterbury, 17th Oct. (*E. P. Seymour*). | Crowley Bequest. |
| 2. | Otago, New Zealand, 22nd Nov. (*E. P. S.*). | Crowley Bequest. |
| 2. | Norfolk Island (*E. L. Layard: Tristram Coll.*). | Crowley Bequest. |

### **Halcyon chloris** (*Bodd.*).

Halcyon chloris, *Sharpe, Mon. Alcedinidæ*, p. 229 (1870); *id. P. Z. S.* 1879, p. 332; *id. Cat. Birds B. M.* xvii. p. 273 (1892); *id. Hand-l.* ii. p. 60 (1900).
Sauropatis chloris, *Blanf. Faun. Brit. Ind., Birds*, iii. p. 135 (1895).

Three eggs of the White-collared Kingfisher measure from 1·1 to 1·2 in length, and from ·92 to ·98 in breadth.

| | | |
|---|---|---|
| 3. | Labuan, Borneo, 22nd March. | Sir Hugh Low [C.]. |
| 3. | Akyab, Burma, 18th April (*E. R. Shopland*). | Crowley Bequest. |
| 2. | Akyab, 10th May (*E. R. S.*). | Crowley Bequest. |
| 1. | Akyab, 9th July (*E. R. S.*). | Crowley Bequest. |

## Genus **TODIRAMPHUS**, *Less.*

### **Todiramphus recurvirostris**, *Lafr.*

Todiramphus recurvirostris, *Sharpe, Mon. Alcedinidæ*, p. 247 (1870); *id. Cat. Birds B. M.* xvii. p. 290 (1892); *id. Hand-l.* ii. p. 61 (1900); *Nehrk. Kat. Eiersamml.* p. 161 (1899).
Halcyon recurvirostris, *Whitmee, Ibis*, 1875, p. 437.

The egg of the Flat-billed Kingfisher in the Collection is spheroidal in shape and destitute of gloss. It measures ·97 by ·8.

| | | |
|---|---|---|
| 1. | Samoa, Jan. | Rev. S. J. Whitmee [C.]. |

## Genus **TANYSIPTERA**, *Vig.*

### **Tanysiptera nigriceps**, *Scl.*

Tanysiptera nigriceps, *Sharpe, Cat. Birds B. M.* xvii. p. 299 (1892); *id. Hand-l.* ii. p. 62 (1900); *Nehrk. Kat. Eiersamml.* p. 161 (1899).

The egg of the Black-headed Tanysiptera in the Collection is spheroidal in shape and almost devoid of gloss. It measures 1·12 by ·93.

| | | |
|---|---|---|
| 1. | Duke of York Island (*Nehrkorn Coll.*). | Crowley Bequest. |

### **Tanysiptera sylvia**, *Gould.*

Tanysiptera sylvia, *Gould, Handb. Birds Austr.* i. p. 137 (1865); *Sharpe, Mon. Alcedinidæ,* p. 259 (1869); *North, Nests & Eggs Austr. Birds,* p. 39 (1889); *Sharpe, Cat. Birds B. M.* xvii. p. 300 (1892); *Le Souëf, Ibis,* 1898, p. 55; *Nehrk. Kat. Eiersamml.* p. 161 (1899); *Robinson & Laverock, Ibis,* 1900, p. 640; *Sharpe, Hand-l.* ii. p. 62 (1900); *Campbell, Nests & Eggs Austr. Birds,* ii. p. 561 (1901).

The eggs of the Australian Tanysiptera are globular in shape and glossy. They measure from 1·04 to 1·08 in length, and from ·88 to ·94 in breadth.

| | | |
|---|---|---|
| 2. | Cape York, North Australia. | Gould Coll. |
| 4. | Cape York. | Gould Coll. |
| 2. | Cape York. | H. Cuming, Esq. [C.]. |
| 3. | Somerset, Cape York, 2nd Feb. | C. A. Barnard, Esq. [C.]. |
| 2. | Somerset (*Tristram Coll.*). | Crowley Bequest. |

### **Tanysiptera dea** (*Linn.*).

Tanysiptera nais, *Sharpe, Mon. Alcedinidæ,* p. 279 (1871).
Tanysiptera dea, *Sharpe, Cat. Birds B. M.* xvii. p. 310 (1892); *Nehrk. Kat. Eiersamml.* p. 161 (1899); *Sharpe, Hand-l.* ii. p. 63 (1900).

The eggs of the Ceram Tanysiptera in the Collection are somewhat globular, exhibit a high gloss, and measure 1·15 by ·96; 1·07 by ·94 respectively.

| | | |
|---|---|---|
| 1. | Amboina. | Seebohm Coll. |
| 1. | Amboina. | Crowley Bequest. |

## Sub-Order *BUCEROTES.*

The eggs of the Hornbills are of an elliptical or regular oval shape. The shell is rough in texture, granulated, frequently covered with small pimples and rugosities, and pitted with pores. When first laid they are pure white and slightly glossy, but as incubation proceeds the gloss disappears and the shell becomes of an earth-colour or dark brown.

## Genus **DICHOCEROS**, *Gloger.*

### **Dichoceros bicornis** (*Linn.*).

Dichoceros bicornis, *Elliot, Mon. Bucer.* text to pl. vi. (1877); *Oates, Birds Brit. Burm.* ii. p. 87 (1883); *Oates ed. Hume, Nests & Eggs Ind. Birds,* iii. p. 68 (1890); *Grant, Cat. Birds B. M.* xvii. p. 355 (1892); *Blanf. Fauna Brit. Ind., Birds,* iii. p. 142 (1895); *Sharpe, Hand-l.* ii. p. 64 (1900).

The eggs of the Great Hornbill measure from 2·4 to 2·83 in length, and from 1·78 to 1·95 in breadth.

| | | |
|---|---|---|
| 2. | Pegu, 22nd March (*E. W. Oates*). | Oates Coll. |
| 1. | Pegu, 23rd March (*E. W. O.*). | Oates Coll. |
| 9. | Thoungyin River, Tenasserim, 23rd Feb. (*C. T. Bingham*). | Hume Coll. |
| 1. | Thoungyin River, 24th Feb. (*C. T. B.*). | Hume Coll. |
| 1. | Thoungyin River, 2nd March (*C. T. B.*). | Hume Coll. |

## Genus **ANTHRACOCEROS**, *Reichenb.*

### **Anthracoceros convexus** (*Temm.*).

Anthracoceros convexus, *Sharpe, P. Z. S.* 1879, p. 329; *Elliot, Mon. Bucer.* text to pl. xii. (1880); *Grant, Cat. Birds B. M.* xvii. p. 364 (1892); *Sharpe, Hand-l.* ii. p. 64 (1900).

Two eggs of Temminck's Pied Hornbill measure respectively: 2·07 by 1·37; 1·9 by 1·23.

| | | |
|---|---|---|
| 2. | Labuan, Borneo. | Sir Hugh Low [C.]. |
| 1. | Borneo, May (*H. Low*). | Crowley Bequest. |

### **Anthracoceros albirostris** (*Shaw & Nodder*).

Buceros malabaricus, *Thien. Fortpflanz. ges. Vög.* p. 71, tab. xii. fig. 8 (1845–54).

Anthracoceros malabaricus, *Elliot, Mon. Bucer.* text to pl. xiii. (1877); *Grant, Cat. Birds B. M.* xvii. p. 365 (1892).

Anthracoceros albirostris, *Oates, Birds Brit. Burm.* ii. p. 90 (1883); *id. ed. Hume, Nests & Eggs Ind. Birds,* iii. p. 72 (1890); *Blanf. Fauna Brit. Ind., Birds,* iii. p. 145 (1895); *Sharpe, Hand-l.* ii. p. 64 (1900).

The eggs of the Indo-Burmese Pied Hornbill measure from 1·8 to 2·05 in length, and from 1·3 to 1·4 in breadth.

| | | |
|---|---|---|
| 2. | Pegu, 22nd March (*E. W. Oates*). | Oates Coll. |
| 2. | Sinzaway Forest, Tenasserim, 23rd March (*C. T. Bingham*). | Hume Coll. |
| 1. | Thoungyin River, Tenasserim, 26th Feb. (*C. T. B.*). | Hume Coll. |

| | | |
|---|---|---|
| 1. | Thoungyin River, 26th Feb. (*C. T. B.*). | Hume Coll. |
| 5. | Thoungyin River, 5th March (*C. T. B.*). | Hume Coll. |
| 1. | Thoungyin River, 23rd April (*C. T. B.*). | Hume Coll. |

## Genus **ACEROS**, *Gray*.

### **Aceros nepalensis** (*Hodgs.*).

Aceros nepalensis, *Elliot, Mon. Bucer.* text to pl. xlv. (1878); *Oates, Birds Brit. Burm.* ii. p. 98 (1883); *id. ed. Hume, Nests & Eggs Ind. Birds*, iii. p. 77 (1890); *Grant, Cat. Birds B. M.* xvii. p. 380 (1892); *Blanf. Fauna Brit. Ind., Birds*, iii. p. 149 (1895); *Sharpe, Hand-l.* ii. p. 66 (1900).

Two eggs of the Rufous-necked Hornbill measure respectively: 2·11 by 1·55; 2·23 by 1·66.

| | | |
|---|---|---|
| 1. | Teesta Valley, Sikhim, 28th April (*J. Gammie*). | Hume Coll. |
| 1. | Mongphoo, Sikhim, 21st May (*J. G.*). | Hume Coll. |

## Genus **RHYTIDOCEROS**, *Reichenb.*

### **Rhytidoceros undulatus** (*Shaw*).

Rhytidoceros undulatus, *Elliot, Mon. Bucer.* text to pl. xxxv. (1877); *Oates, Birds Brit. Burm.* ii. p. 93 (1883); *id. ed. Hume, Nests & Eggs Ind. Birds*, iii. p. 80 (1890); *Grant, Cat. Birds B. M.* xvii. p. 382 (1892); *Blanf. Fauna Brit. Ind., Birds*, iii. p. 147 (1895); *Sharpe, Hand-l.* ii. p. 66 (1900).

The eggs of the Malayan Wreathed Hornbill measure from 2·2 to 2·85 in length, and from 1·55 to 1·85 in breadth, but a specimen taken by Mr. Theobald in Arrakan measures only 1·93 by 1·48.

| | | |
|---|---|---|
| 1. | Sandoway, Arrakan, 12th March (*W. Theobald*). | Hume Coll. |
| 1. | Meeawuddy, Tenasserim, 3rd March (*C. T. Bingham*). | Hume Coll. |
| 2. | Thoungyin River, Tenasserim, 25th Feb. (*C. T. B.*). | Hume Coll. |
| 5. | Thoungyin River, 5th March (*C. T. B.*). | Hume Coll. |
| 3. | Thoungyin River, 15th March (*C. T. B.*). | Hume Coll. |
| 2. | Thoungyin River, 17th March (*C. T. B.*). | Hume Coll. |
| 2. | Thoungyin River, 19th March (*C. T. B.*). | Hume Coll. |

### Rhytidoceros subruficollis (*Blyth*).

Rhytidoceros subruficollis, *Elliot, Mon. Bucer.* text to pl. xxxvi. (1878); *Oates, Birds Brit. Burm.* ii. p. 91 (1883); *id. ed. Hume, Nests & Eggs Ind. Birds*, iii. p. 81 (1890); *Grant, Cat. Birds B. M.* xvii. p. 384 (1892); *Blanf. Fauna Brit. Ind., Birds*, iii. p. 148 (1895); *Sharpe, Hand-l.* ii. p. 66 (1900).

The eggs of Blyth's Wreathed Hornbill in the Collection measure respectively: 2·33 by 1·8; 2·25 by 1·75; 2·3 by 1·54.

| | | |
|---|---|---|
| 2. | Meeawuddy, Tenasserim, 27th Feb. (*C. T. Bingham*). | Hume Coll. |
| 1. | Meeawuddy, 1st March (*C. T. B.*). | Hume Coll. |

### Rhytidoceros plicatus (*Forst.*).

Rhytidoceros plicatus, *Elliot, Mon. Bucer.* text to pl. xxxvii. (1878); *Grant, Cat. Birds B. M.* xvii. p. 385 (1892); *Sharpe, Hand-l.* ii. p. 66 (1900).

An egg of the Papuan Wreathed Hornbill measures 2 by 1·45.

| | | |
|---|---|---|
| 1. | New Guinea. | Old Collection. |

## Genus **PTILOLÆMUS**, *Ogilvie Grant*.

### Ptilolæmus tickelli (*Blyth*).

Anorrhinus tickelli, *Elliot, Mon. Bucer.* text to pl. xliii. (1880); *Oates, Birds Brit. Burm.* ii. p. 96 (1883); *id. ed. Hume, Nests & Eggs Ind. Birds*, iii. p. 76 (1890).

Ptilolæmus tickelli, *Grant, Cat. Birds B. M.* xvii. p. 392 (1892); *Blanf. Fauna Brit. Ind., Birds*, iii. p. 151 (1895); *Sharpe, Hand-l.* ii. p. 67 (1900).

The eggs of Tickell's Hornbill appear to be always elliptical in shape. They measure from 1·68 to 1·9 in length, and from 1·27 to 1·36 in breadth.

| | | |
|---|---|---|
| 1. | Thoungyin River, Tenasserim, 23rd Feb. (*C. T. Bingham*). | Hume Coll. |
| 5. | Thoungyin River, 23rd Feb. (*C. T. B.*). | Hume Coll. |
| 9. | Thoungyin River, 5th March (*C. T. B.*). | Hume Coll. |
| 2. | Thoungyin River, 5th April (*C. T. B.*). | Hume Coll. |

## Genus **OCYCEROS**, *Hume*.

### Ocyceros birostris (*Scop.*).

Meniceros bicornis, *Horne, P. Z. S.* 1869, p. 241.

Lophoceros birostris, *Elliot, Mon. Bucer.* text to pl. xlviii. (1878); *Blanf. Fauna Brit. Ind., Birds*, iii. p. 155 (1895).

Ocyceros birostris, *Oates ed. Hume, Nests & Eggs Ind. Birds*, iii. p. 74 (1890); *Grant, Cat. Birds B. M.* xvii. p. 394 (1892); *Sharpe, Hand-l.* ii. p. 67 (1900).

The eggs of the Common Indian Grey Hornbill measure from 1·64 to 1·82 in length, and from 1·15 to 1·3 in breadth.

| | | |
|---|---|---|
| 1. | India. | Radcliffe Saunders Coll. |
| 1. | Grassmount, Mynpuri, N.W. Provs., India, 7th May (*C. Horne*). | Hume Coll. |
| 6. | Pimpalnir, Khandesh, April (*J. Davidson*). | Hume Coll. |
| 1. | Khandesh, 5th April (*J. D.*). | Hume Coll. |
| 1. | Khandesh, 7th April. | Crowley Bequest. |

### Genus **LOPHOCEROS**, *Hempr. & Ehr.*

#### **Lophoceros melanoleucus** (*Licht.*).

Tockus melanoleucus, *Elliot, Mon. Bucer.* text to pl. xlix. (1880); *Sharpe, ed. Layard's Birds S. Africa*, p. 127 (1875–84).
Lophoceros melanoleucus, *Grant, Cat. Birds B. M.* xvii. p. 399 (1892); *Sharpe, Hand-l.* ii. p. 67 (1900).

An egg of the Crowned Hornbill measures 1·55 by 1·09.

| | | |
|---|---|---|
| 1. | Lower Albany, S. Africa. | Dr. S. Schönland [P.]. |

## Sub-Order *UPUPÆ*.

The eggs of the Hoopoes are devoid of markings and are subject to much variation of colour. When fresh the majority are of a bluish-white or pale greenish-blue colour, but some are of a pale olive-green, olive-brown, or grey colour. They exhibit a small amount of gloss. The shell is smooth and pitted with very minute pores, and is often marked with small white specks, caused by the disintegration of the surface of the shell.

The eggs are typically of a narrow oval form, a good deal pointed at the smaller end, and frequently at the broad end as well.

## Family UPUPIDÆ.

### Genus **UPUPA**, *Linn.*

#### **Upupa epops**, *Linn.*

Upupa epops, *Thien. Fortpflanz. ges. Vög.* p. 110, tab. xv. 10, *a–c* (nec 12, *a–c*) (1845–54); *Baedeker, Eier. Eur. Vög.* tab. 50. fig. 3 (1855-63); *Hewitson, Eggs of Brit. Birds*, i. p. 249, pl. lxiii. fig. iii (1865); *Dresser, Birds Eur.* v. p. 179 (1871); *Saunders, Ibis*, 1871, p. 67; *Danford, Ibis*, 1878, p. 7; *Seebohm, Brit. Birds*, ii. p. 334, pl. 15 (1884); *Oates ed. Hume, Nests & Eggs Ind. Birds*, ii. p. 337 (1890); *Salvin, Cat. Birds B. M.* xvi. p. 4 (1892); *Seebohm, Eggs of Brit. Birds*, p. 167, pl. 48. figs. 1 & 4 (1896); *Sharpe, Hand-l.* ii. p. 70 (1900).

The eggs of the Common Hoopoe measure from ·88 to 1·15 in length, and from ·63 to ·77 in breadth.

| | | |
|---|---|---|
| 2. | Europe (*H. E. Dresser*). | Crowley Bequest. |
| 5. | Valkenswaard, Holland, 23rd May (*H. Seebohm*). | Seebohm Coll. |
| 6. | Dart, Holland, 31st May. | Salvin-Godman Coll. |
| 2. | Elbeuf, France (*Noury: Hargitt Coll.*). | Seebohm Coll. |
| 2. | Vosges Mts., France (*Mougel: Hargitt Coll.*) | Seebohm Coll. |
| 2. | Vosges (*Mougel: Hargitt Coll.*). | Seebohm Coll. |
| 2. | Seville, Spain (*H. Saunders*). | Seebohm Coll. |
| 4. | Seville, 7th May (*H. S.*). | Seebohm Coll. |
| 2. | Seville, 9th May (*H. S.*). | Seebohm Coll. |
| 2. | Styria (*E. Seidensacher*). | Crowley Bequest. |
| 3. | Volga. | Seebohm Coll. |
| 2. | Greece. | Seebohm Coll. |
| 3. | Tunis (*V. Bogo: Tristram Coll.*). | Crowley Bequest. |
| 4. | Tunis (*V. B.: Tristram Coll.*). | Crowley Bequest. |
| 1. | Egypt, 24th April. | Salvin-Godman Coll. |
| 5. | Asia Minor, 11th May (*C. G. Danford*). | Seebohm Coll. |
| 7. | Asia Minor, 11th May (*C. G. D.*). | Seebohm Coll. |
| 3. | Asia Minor, 12th May (*C. G. D.*). | Seebohm Coll. |
| 3. | Asia Minor, 12th May (*C. G. D.*). | Seebohm Coll. |
| 2. | Simla, Himalayas, May. | Hume Coll. |
| 1. | Kashmir (*W. E. Brooks: Tristram Coll.*). | Crowley Bequest. |

### **Upupa indica**, *Reichenb.*

(Plate I. figs. 6 & 7.)

Upupa nigripennis, *Legge, Birds Ceylon*, p. 161 (1878).
Upupa ceylonensis, *Oates ed. Hume, Nests & Eggs Ind. Birds*, ii. p. 334 (1890).
Upupa longirostis, *Oates ed. Hume, tom. cit.* p. 338.
Upupa indica, *Salvin, Cat. Birds B. M.* xvi. p. 10 (1892); *Blanf. Fauna Brit. Ind., Birds*, iii. p. 161 (1895); *Sharpe, Hand-l.* ii. p. 70.

The eggs of the Indian Hoopoe resemble those of *U. epops*. They measure from ·85 to 1 in length, and from ·6 to ·74 in breadth.

| | | |
|---|---|---|
| 6. | Hansi, Punjab. | Hume Coll. |
| 3. | Hansi, 10th April. | Hume Coll. |
| 3. | Lucknow, 5th March. | Hume Coll. |
| 1. | Baraich, Oudh, 5th March (*R. M. Adam*). | Hume Coll. |
| 1. | Baraich, 2nd April (*R. M. A.*). | Hume Coll. |
| 2. | Baraich, 21st April (*R. M. A.*). | Hume Coll. |
| 2. | Baraich, 28th April (*R. M. A.*). | Hume Coll. |
| 1. | Baraich, 3rd May (*R. M. A.*). | Hume Coll. |
| 2. | Futtighar. | Crowley Bequest. |
| 2. | Nilghiri Hills, 20th Feb. | Hume Coll. |
| 2. | Nilghiri Hills, April. | Hume Coll. |
| 1. | Pegu, 10th March (*E. W. Oates*). | Oates Coll. |

| | | |
|---|---|---|
| 2. | Pegu, 7th April (*E. W. O.*). | Oates Coll. |
| 1. | Pegu, 7th April (*E. W. O.: Seebohm Coll.*). | Crowley Bequest. |
| 4. | Salang, Malay Peninsula, 24th Feb. (*J. Darling*). | Hume Coll. |

### Upupa marginata, *Bp.*

Upupa marginata, *Milne-Edwards & Grandidier, Hist. Nat. Madag., Ois.* i. p. 270 (1879); *Cowan, Proc. R. Phys. Soc. Edinb.* vii. p. 148 (1882); *Salvin, Cat. Birds B. M.* xvi. p. 13 (1892); *Nehrk. Kat. Eiersamml.* p. 152 (1899); *Sharpe, Hand-l.* ii. p. 70 (1900).

The eggs of the Madagascar Hoopoe in the Collection are of a greyish-white colour and slightly glossy. Two specimens are marked with rufous spots, which, however, appear to be only nest-stains. Examples measure from ·91 to 1·04 in length, and from ·65 to ·71 in breadth.

| | | |
|---|---|---|
| 2. | Betsileo, Madagascar. | Rev. W. Deans Cowan [P.]. |
| 5. | Madagascar (*W. Deans Cowan: Tristram Coll.*). | Crowley Bequest. |

### Upupa africana, *Bechst.*

Upupa africana, *Sharpe, ed. Layard's B. S. Afr.* pp. 134, 808 (1875–84); *Salvin, Cat. Birds B. M.* xvi. p. 14 (1892); *Nehrk. Kat. Eiersamml.* p. 152 (1899); *Sharpe, Hand-l.* ii. p. 70 (1900).

An egg of the African Hoopoe measures 1·5 by ·73 inch.

| | | |
|---|---|---|
| 1. | Grahamstown, Dec. | W. Radcliffe Saunders, Esq. [P.]. |

## Sub-Order *MEROPES.*

## Family MEROPIDÆ.

The eggs of the Bee-eaters are plain white and of a rounded shape, many being perfectly spherical. The shell is very smooth and extremely glossy.

### Genus **DICROCERCUS**, *Cab. & Heine.*

### Dicrocercus hirundineus (*Licht.*).

Dicrocercus hirundinaceus, *Anderss. Birds Dam.-land*, p. 63 (1872); *Sharpe, ed. Layard's Birds S. Africa*, p. 101 (1875–84).

Dicrocercus hirundineus, *Dresser, Mon. Merop.* p. 99 (1884); *Sharpe, Cat. Birds B. M.* xvii. p. 43 (1892); *id. Hand-l.* ii. p. 72 (1900); *Nehrk. Kat. Eiersamml.* p. 159 (1899).

Two eggs of the Swallow-tailed Bee-eater in the Collection measure respectively: ·8 by ·69; ·82 by ·7.

| | | |
|---|---|---|
| 2. | Omaruru, Damara-land, 31st Oct. (*C. J. Andersson: Tristram Coll.*). | Crowley Bequest. |

## Genus **MELITTOPHAGUS**, *Boie.*

### Melittophagus swinhoei (*Hume*).

Merops swinhoei, *Legge, Birds Ceylon*, p. 312 (1878).
Melittophagus quinticolor, *Dresser, Mon. Merop.* p. 115 (1885); *Oates ed. Hume, Nests & Eggs Ind. Birds*, iii. p. 67 (1890).
Melittophagus swinhoei, *Sharpe, Cat. Birds B. M.* xvii. p. 55 (1892); *Blanf. Fauna Brit. Ind., Birds*, iii. p. 114 (1895); *Sharpe, Hand-l.* ii. p. 73 (1900).

The eggs of the Chestnut-headed Bee-eater measure from ·77 to ·92 in length, and from ·72 to ·81 in breadth.

| | | |
|---|---|---|
| 10. | Nilghiri Hills, S. India, 26th March. | Hume Coll. |
| 2. | Nilghiri Hills. | Crowley Bequest. |
| 1. | Ceylon, 16th May (*A. L. Butler*). | Crowley Bequest. |
| 4. | Tenasserim, 2nd April (*C. T. Bingham*). | Hume Coll. |
| 5. | Yea, Tenasserim, 26th March (*W. Davison*). | Hume Coll. |
| 47. | Salang, Malay Peninsula, 16th March (*J. Darling*). | Hume Coll. |
| 2. | Salang, 16th March (*J. Darling*). | Crowley Bequest. |

## Genus **MEROPS**, *Linn.*

### Merops bicolor, *Bodd.*

Merops bicolor, *Dresser, Mon. Merop.* p. 27 (1884); *Steere, List Birds & Mamm. Philipp.* p. 9 (1890); *Sharpe, Cat. Birds B. M.* xvii. p. 60 (1892); *id. Hand-l.* ii. p. 73 (1900).

Three eggs of the Chestnut-and-Green Bee-eater measure respectively: ·91 by ·78; ·91 by ·78; ·9 by ·79.

| | | |
|---|---|---|
| 3. | Marinduque Isl., Philippines. | Steere Exped. |

### Merops sumatranus, *Raffl.*

Merops sumatranus, *Sharpe, P. Z. S.* 1879, p. 329; *Dresser, Mon. Merop.* p. 23 (1884); *Everett, List Birds Borneo*, p. 164 (1889); *Sharpe, Cat. Birds B. M.* xvii. p. 61 (1892); *Hose, Ibis*, 1893, p. 411; *Nehrk. Kat. Eiersamml.* p. 159 (1899); *Butler, Journ. Bomb. Nat. Hist. Soc.* xii. p. 773 (1899); *Sharpe, Hand-l.* ii. p. 73 (1900).

The eggs of the Sumatran Bee-eater measure from ·88 to 1 in length, and from ·75 to ·85 in breadth.

| | | |
|---|---|---|
| 8. | Singapore, 17th May (*W. Davison*). | Hume Coll. |
| 4. | Borneo (*Sir Hugh Low*). | Crowley Bequest. |

| | | |
|---|---|---|
| 2. | Labuan, Borneo, 3rd June (*J. Whitehead*). | Crowley Bequest. |
| 8. | Labuan. | Sir Hugh Low [C.]. |
| 2. | Labuan, June. | A. Everett, Esq. [P.]. |
| 6. | Baram, Sarawak, Feb. & March. | Dr. Charles Hose [P.]. |

## **Merops apiaster**, *Linn.*

Merops apiaster, *Thien. Fortpflanz. ges. Vög.* p. 107, tab. xiii. fig. 4 (1845–54); *Baedeker, Eier Eur. Vög.* tab. 11. fig. 13 (1855–63); *Hewitson, Eggs of Brit. Birds,* i. p. 254, pl. lxiv. fig. ii (1856); *Salvin, Ibis,* 1859, p. 303; *Saunders, Ibis,* 1871, p. 67; *Sharpe, ed. Layard's Birds S. Africa,* p. 96 (1875–84); *Dresser, Birds Eur.* v. p. 155 (1877); *id. Mon. Merop.* p. 75 (1884); *Seebohm, Brit. Birds,* ii. p. 321, pl. 18 (1884); *Whitehead, Ibis,* 1885, p. 27; *Oates ed. Hume, Nests & Eggs Ind. Birds,* iii. p. 66 (1890); *Sharpe, Cat. Birds B. M.* xvii. p. 63 (1892); *Irby, Orn. Str. Gibr.* 2nd ed. p. 131 (1895); *Seebohm, Eggs of Brit. Birds,* p. 165, pl. 48. fig. 6 (1896); *Sharpe, Hand-l.* ii. p. 74 (1900).

The eggs of the Common Bee-eater measure from ·95 to 1·15 in length, and from ·8 to ·94 in breadth.

| | | |
|---|---|---|
| 2. | Spain. | Lord Lilford [P.]. |
| 7. | Spain. | Seebohm Coll. |
| 1. | Seville, Spain (*H. Saunders: Hargitt Coll.*). | Seebohm Coll. |
| 6. | Seville, 15th May (*H. S.*). | Seebohm Coll. |
| 2. | Malaga, Spain (*H. S.: Hargitt Coll.*). | Seebohm Coll. |
| 3. | Gibraltar (*L. H. Irby*). | Seebohm Coll. |
| 6. | Corsica, 4th June. | J. Whitehead, Esq. [C.]. |
| 6. | Kustendji, Dobrudscha, 16th June (*H. Seebohm & J. Young*). | Seebohm Coll. |
| 1. | Dobrudscha. | Seebohm Coll. |
| 6. | Corinth, Greece, 6th May (*H. Seebohm & T. Kruper*). | Seebohm Coll. |
| 1. | Nymphia, Greece, 7th June (*H. S. & T. K.*). | Seebohm Coll. |
| 4. | Sarepta, S. Russia. | Crowley Bequest. |
| 2. | Volga. | Seebohm Coll. |
| 10. | Southern Europe. | Seebohm Coll. |
| 6. | Tangier, Morocco. | Crowley Bequest. |
| 2. | Algeria (*O. Salvin*). | Salvin-Godman Coll. |
| 1. | Zana, Algeria, 14th June (*O. S.*). | Salvin-Godman Coll. |
| 6. | Chemora, Algeria, 1st June (*O. S.*). | Salvin-Godman Coll. |
| 6. | Chemora, 2nd June (*H. B. Tristram*). | Crowley Bequest. |
| 1. | Chemora, 2nd June (*H. B. T.*). | Salvin-Godman Coll. |
| 2. | Tunis. | L. Fraser, Esq. [C.]. |
| 3. | South Africa. | E. L. Layard, Esq. [P.]. |
| 1. | Kashmir, India, 28th May (*C. R. Cock*). | Hume Coll. |

## Merops persicus, *Pall.*

Merops ægyptius, *Loche, Expl. Sci. Algér., Ois.* ii. p. 91 (1867).
Merops persica, *Bree, Birds Eur.* iii. p. 162, pl. — (1867); *id. tom. cit.* 2nd ed. iv. p. 76, pl. — (1875).
Merops persicus, *Dresser, Birds Eur.* v. p. 155 (1877); *id. Mon. Merop.* p. 63 (1884); *Oates ed. Hume, Nests & Eggs Ind. Birds,* iii. p. 65 (1890); *Sharpe, Cat. Birds B. M.* xvii. p. 66 (1892); *Blanf. Fauna Brit. Ind., Birds,* iii. p. 112 (1895); *Koenig, J. f. O.* 1896, p. 216, tab. vi. fig. 3; *Sharpe, Hand-l.* ii. p. 74 (1900).

| | | |
|---|---|---|
| 1. | Algeria (*Loche*). | Salvin-Godman Coll. |
| 1. | Nubia (*Tristram Coll.*). | Crowley Bequest. |
| 1. | Banks of the Nile (*J. H. Cochrane: Tristram Coll.*). | Crowley Bequest. |
| 2. | Asia Minor, May. | Crowley Bequest. |
| 1. | Sambhur, India, 19th June (*R. M. Adam*). | Hume Coll. |
| 7. | Sambhur, 30th June (*R. M. A.*). | Hume Coll. |
| 1. | Sambhur, 1st July (*R. M. A.*). | Hume Coll. |
| 6. | Sambhur, 2nd July (*R. M. A.*). | Hume Coll. |
| 1. | Sambhur, 3rd July (*R. M. A.*). | Hume Coll. |
| 1. | Sambhur, 10th July (*R. M. A.*). | Hume Coll. |
| 8. | Sambhur, 13th July (*R. M. A.*). | Hume Coll. |
| 3. | Sambhur, 27th July (*R. M. A.*). | Hume Coll. |
| 8. | Delhi. | Hume Coll. |
| 1. | Delhi, 7th July (*C. T. Bingham*). | Hume Coll. |
| 7. | Gurhi Hursroo, Gurgaon Dist., 17th June (*C. T. B.*). | Hume Coll. |
| 5. | Gurhi Hursroo, 2nd July (*W. N. Chill*). | Hume Coll. |
| 1. | Gurhi Hursroo, 5th July (*W. N. C.*). | Hume Coll. |

## Merops superciliosus, *Linn.*

Merops superciliosus, *Thien. Fortpflanz. ges. Vög.* tab. xiii. fig. 5 (1845–54); *Cowan, Proc. R. Phys. Soc. Edinb.* vii. p. 148 (1882); *Dresser, Mon. Merop.* p. 71 (1884); *Sharpe, Cat. Birds B. M.* xvii. p. 70 (1892); *Nehrk, Kat. Eiersamml.* p. 159 (1892); *Sharpe, Hand-l.* ii. p. 74 (1900).
Merops madagascariensis typicus, *Milne-Edwards & Grandidier, Hist. Nat. Madag., Ois.* i. p. 262, pl. 302. fig. 13 (1879).

The eggs of the Madagascar Bee-eater measure from ·95 to 1 in length, and from ·75 to ·88 in breadth.

| | | |
|---|---|---|
| 5. | Betsileo, Madagascar. | Rev. W. Deans Cowan [P.]. |
| 2. | Mahanoro, Madagascar, Nov. | W. Radcliffe Saunders, Esq. [P.]. |
| 3. | Madagascar (*E. Newton*). | Crowley Bequest. |
| 1. | Madagascar. | Crowley Bequest. |

## Merops philippinus, *Linn.*

Merops philippinus, *Legge, Birds Ceylon,* p. 306 (1878); *Dresser, Mon. Merop.* p. 55 (1884); *Oates ed. Hume, Nests & Eggs Ind. Birds,* iii. p. 63 (1890); *Sharpe, Cat. Birds B. M.* xvii. p. 71 (1892); *Blanf. Fauna Brit. Ind., Birds,* iii. p. 111 (1895); *Sharpe, Hand-l.* ii. p. 74 (1900).

The eggs of the Blue-tailed Bee-eater measure from ·82 to ·97 in length, and from ·67 to ·85 in breadth.

| | | |
|---|---|---|
| 13. | Lahore, Punjab, 10th June (*C. H. T. Marshall*). | Hume Coll. |
| 1. | Hansi, Punjab, 14th June (*W. Blewitt*). | Hume Coll. |
| 1. | Hansi, 18th June (*W. B.*). | Hume Coll. |
| 9. | Delhi, 2nd June (*C. T. Bingham*). | Hume Coll. |
| 1. | Baraich, Oudh, 21st April (*R. M. Adam*). | Hume Coll. |
| 4. | Baraich, 28th April (*R. M. A.*). | Hume Coll. |
| 4. | Hoshungabad, C. Provs., 28th April (*E. C. Nunn*). | Hume Coll. |
| 5. | Hoshungabad, 1st May (*E. C. N.*). | Hume Coll. |
| 2. | Hoshungabad, 3rd May (*E. C. N.*). | Hume Coll. |
| 1. | Hoshungabad, 7th May (*E. C. N.*). | Hume Coll. |
| 23. | Raipur, C. Provs. (*F. R. Blewitt*). | Hume Coll. |
| 2. | Akyab, Burma, 22nd April (*E. R. Shopland*). | Crowley Bequest. |
| 1. | Pegu, 15th April (*E. W. Oates*). | Seebohm Coll. |
| 3. | Pegu, 15th April (*E. W. O.*). | Oates Coll. |
| 3. | Pegu, 17th April (*E. W. O.*). | Oates Coll. |
| 11. | Sittang River, Burma, 25th April (*E. W. O.*). | Hume Coll. |

### **Merops ornatus**, *Lath.*

Merops ornatus, *Gould, Handb. Birds Austr.* i. p. 117 (1865); *Dresser, Mon. Merop.* p. 51 (1884); *North, Nests & Eggs Austr. Birds*, p. 34 (1889); *Sharpe, Cat. Birds B. M.* xvii. p. 74 (1892); *Le Souëf, Vict. Nat.* xvi. p. 70 (1899); *Nehrk. Kat. Eiersamml.* p. 159 (1899); *Sharpe, Hand-l.* ii. p. 74 (1900); *Campbell, Nests & Eggs Austr. Birds*, ii. p. 545 (1901).

The eggs of the Australian Bee-eater measure from ·8 to ·87 in length, and from ·71 to ·76 in breadth.

| | | |
|---|---|---|
| 1. | Adelaide, S. Australia (*E. P. Ramsay: Tristram Coll.*). | Crowley Bequest. |
| 5. | South Australia. | Gould Coll. |
| 4. | New South Wales. | Gould Coll. |
| 6. | New South Wales, 30th Oct. (*A. J. North*). | Crowley Bequest. |
| 3. | Cardington, Bell River, N. S. W. (*E. P. Ramsay: Tristram Coll.*). | Crowley Bequest. |

### **Merops viridis**, *Linn.*

Merops viridis, *Beavan, P. Z. S.* 1864, p. 375; *Legge, Birds Ceylon*, p. 309 (1878); *Dresser, Birds Eur.* v. p. 171 (1876); *id. Mon. Merop.* p. 31 (1884); *Oates ed. Hume, Nests & Eggs Ind. Birds*, iii. p. 60 (1890); *Sharpe, Cat. Birds B. M.* xvii. p. 78 (1892); *Blanf. Fauna Brit. Ind., Birds*, iii. p. 110 (1895); *Sharpe, Hand-l.* ii. p. 74 (1900).

The eggs of the Little Green Bee-eater measure from ·68 to ·82 in length, and from ·64 to ·73 in breadth.

| | | |
|---|---|---|
| 57. | Hansi, Punjab. | Hume Coll. |
| 1. | Gurgaon District, 28th April (*W. N. Chill*). | Hume Coll. |
| 1. | Sultanpur, 19th April (*W. N. C.*). | Hume Coll. |
| 7. | Delhi, 30th April (*W. N. C.*). | Hume Coll. |
| 3. | Delhi, 14th May (*C. T. Bingham*). | Hume Coll. |
| 1. | Delhi, 16th May (*C. T. B.*). | Hume Coll. |
| 2. | Delhi, 27th May (*C. T. B.*). | Hume Coll. |
| 4. | Sambhur, 8th May (*R. M. Adam*). | Hume Coll. |
| 17. | Sambhur, 21st May (*R. M. A.*). | Hume Coll. |
| 2. | Sambhur, 29th May (*R. M. A.*). | Hume Coll. |
| 3. | Sambhur, 26th June (*R. M. A.*). | Hume Coll. |
| 1. | Sambhur, 30th June (*R. M. A.*). | Hume Coll. |
| 3. | Ahmedabad, Gujerat, 20th April. | Hume Coll. |
| 1. | Hoshungabad, 7th April (*E. C. Nunn*). | Hume Coll. |
| 2. | Maunbhoom, 18th April (*R. C. Beavan*). | Crowley Bequest. |
| 1. | Allahabad, N.W.P. | Hume Coll. |
| 1. | Baraich, Oudh, 6th April (*R. M. Adam*). | Hume Coll. |
| 2. | Baraich, 15th April (*R. M. A.*). | Hume Coll. |
| 2. | Baraich, 22nd April (*R. M. A.*). | Hume Coll. |
| 3. | Chupra, Bengal, 15th March. | Hume Coll. |
| 1. | Maunbhoom, Bengal, 6th April (*R. C. Beavan*). | Salvin-Godman Coll. |
| 2. | Calcutta, 25th April. | Crowley Bequest. |
| 1. | Nilghiri Hills, 20th March. | Hume Coll. |
| 2. | Pegu, 15th April (*E. W. Oates*). | Seebohm Coll. |
| 2. | Tenasserim, 23rd March. | Col. C. T. Bingham [P.]. |
| 3. | Tenasserim, 25th March. | Col. C. T. Bingham [P.]. |

### **Merops malimbicus**, *Shaw*.

Merops malimbicus, *Dresser, Mon. Merop.* p. 87 (1884); *Sharpe, Cat. Birds B. M.* xvii. p. 86 (1892); *id. Hand-l.* ii. p. 75 (1900).

Two eggs of the Grey-and-Red Bee-eater measure respectively: 1·01 by ·84; 1 by ·78.

| | | |
|---|---|---|
| 2. | River Niger, May. | Dr. Cuthbert Christy [P.]. |

## Genus **NYCTIORNIS**, *Swains.*

### **Nyctiornis athertoni**, *J. & S.*

Nyctiornis athertoni, *Dresser, Mon. Merop.* p. 7 (1884); *Oates ed. Hume, Nests & Eggs Ind. Birds*, iii. p. 58 (1890); *Sharpe, Cat. Birds B. M.* xvii. p. 88 (1892); *Blanf. Fauna Brit. Ind., Birds*, iii. p. 115 (1895); *Nehrk. Kat. Eiersamml.* p. 160 (1899); *Sharpe, Hand-l.* ii. p. 75 (1900).

Four eggs of the Blue-necked Bee-eater measure respectively: 1·15 by 1·03; 1·13 by ·99; 1·1 by 1·01; 1·1 by 1·02.

| | | |
|---|---|---|
| 4. | Thoungyin River, Tenasserim, 23rd April (*C. T. Bingham*). | Hume Coll. |

## Sub-Order *MOMOTI*.

## Family MOMOTIDÆ.

The eggs of the Motmots vary in shape from blunt oval to spheroidal. They are very smooth, highly glossy, and of a plain white.

### Genus **EUMOMOTA**, *Scl.*

#### **Eumomota superciliaris** (*Sandb.*).

Eumomota superciliaris, *Owen, Ibis,* 1861, p. 64; *Sharpe, Cat. Birds B. M.* xvii. p. 317 (1892); *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 464 (1895); *Nehrk. Kat. Eiersamml.* p. 162 (1899); *Sharpe, Hand-l.* ii. p. 76 (1900).

The eggs of the Yucatan Motmot measure from 1·04 to 1·15 in length, and from ·86 to ·94 in breadth.

| | | |
|---|---|---|
| 4. | San Geronimo, Guatemala, 21st May (*R. Owen*). | Salvin-Godman Coll. |
| 1. | San Geronimo, 21st May (*R. O.*). | Crowley Bequest. |
| 4. | Guatemala (*O. Salvin*). | Salvin-Godman Coll. |

### Genus **MOMOTUS**, *Briss.*

#### **Momotus æquatorialis**, *Gould.*

Momotus æquatorialis, *Scl. & Salv. P. Z. S.* 1879, p. 534; *Sharpe, Cat. Birds B. M.* xvii. p. 323 (1892); *id. Hand-l.* ii. p. 77 (1900).

Three eggs of Gould's Motmot measure respectively: 1·52 by 1·18; 1·45 by 1·19; 1·51 by 1·2.

| | | |
|---|---|---|
| 2. | Frontino, Antioquia, U.S. Colombia (*T. K. Salmon*). | Salvin-Godman Coll. |
| 1. | U.S. Colombia. | Crowley Bequest. |

#### **Momotus lessoni**, *Less.*

Momotus lessoni, *Sharpe, Cat. Birds B. M.* xvii. p. 324 (1892); *Cherrie, Auk,* 1892, p. 322; *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 456 (1895); *Nehrk. Kat. Eiersamml.* p. 162 (1899); *Sharpe, Hand-l.* ii. p. 77 (1900).

An egg of Lesson's Motmot measures 1·07 by ·85.

| | | |
|---|---|---|
| 1. | Chiriqui, Panama (*Nehrkorn Coll.*). | Crowley Bequest. |

#### **Momotus mexicanus**, *Swains.*

Momotus mexicanus, *Sharpe, Cat. Birds B. M.* xvii. p. 328 (1892); *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 460 (1895); *Nehrk. Kat. Eiersamml.* p. 162 (1899); *Sharpe, Hand-l.* ii. p. 77 (1900).

Two eggs of the Mexican Motmot measure respectively: 1·11 by ·95; 1·13 by ·91.

| | | |
|---|---|---|
| 2. | Mazatlan, Mexico (*A. Forrer*). | Crowley Bequest. |

## Sub-Order *TODI.*

## Family TODIDÆ.

The eggs of the Todies resemble those of the Motmots.

### Genus **TODUS**, *Linn.*

### **Todus viridis**, *Linn.*

Todus viridis, *Gosse, Birds Jamaica*, p. 72 (1847); *Sharpe, Cat. Birds B. M.* xvii. p. 334 (1892); *Nehrk. Kat. Eiersamml.* p. 162 (1899); *Sharpe, Hand-l.* ii. p. 78 (1900).

The eggs of the Green Tody measure from ·6 to ·65 in length, and from ·51 to ·56 in breadth.

| | | |
|---|---|---|
| 5. | Jamaica. | Salvin-Godman Coll. |
| 1. | Jamaica. | Crowley Bequest. |
| 1. | Jamaica. | W. Radcliffe Saunders, Esq. [P.]. |
| 3. | Gully St. Andrew, Jamaica, 29th May (*C. B. Taylor*). | Crowley Bequest. |

### **Todus multicolor**, *Gould.*

Todus multicolor, *Sharpe, Cat. Birds B. M.* xvii. p. 335 (1892); *Nehrk. Kat. Eiersamml.* p. 162 (1899); *Sharpe, Hand-l.* ii. p. 78 (1900).

Two eggs of the Cuban Tody measure respectively: ·64 by ·51; ·68 by ·52.

| | | |
|---|---|---|
| 2. | Cuba (*Nehrkorn Coll.*). | Crowley Bequest. |

## Sub-Order *CAPRIMULGI.*

The eggs of the Nightjars are typically of a true elliptical shape, the two ends being precisely similar in contour; in some cases, however, one end is very slightly compressed. The shell is smooth and generally glossy.

With few exceptions the eggs of these birds are double-spotted. In a few instances they are plain white, and occasionally they are single-spotted. The eggs of many Nightjars bear a close resemblance to those of the Sand-Grouse.

# Family CAPRIMULGIDÆ.

## Sub-Family NYCTIBIINÆ.

### Genus **NYCTIBIUS**, *Vieill.*

#### **Nyctibius jamaicensis** (*Gm.*).

(Plate I. fig. 13.)

Nyctibius jamaicensis, *Gosse, Birds Jamaica,* p. 41 (1847); *Hartert, Cat. Birds B. M.* xvi. p. 625 (1892); *Goëldi, Ibis,* 1896, p. 299, figs. 1 & 2; *Sharpe, Hand-l.* ii. p. 79 (1900); *von Ihering, Rev. Mus. Paulista,* iv. p. 257 (1900).

An egg of the Jamaica Nightjar presented to the Museum by Dr. Goëldi is a perfect ellipse in shape and almost devoid of gloss. It is white, sparingly marked with spots and small blotches of chocolate-brown and violet-grey. It measures 1·62 by 1·16.

| | | |
|---|---|---|
| 1. | Colonia Alpina, Rio de Janeiro, 25th Nov. | Dr. E. A. Goëldi [P.]. |

## Sub-Family CAPRIMULGINÆ.

### Genus **CHORDEILES**, *Swains.*

#### **Chordeiles virginianus** (*Gm.*).

Caprimulgus virginianus, *Thien. Fortpflanz. ges. Vög.* tab. xlii. fig. 17 (1845–54).
Chordeiles virginianus, *Brewer, N. Amer. Ool.* pt. i. p. 87, pl. v. figs. 59–61 (1856); *Hartert, Cat. Birds B. M.* xvi. p. 610 (1892); *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 396 (1894); *Bendire, Life-Hist. N. Amer. Birds,* ii. p. 163, pl. iii. figs. 1–3 (1895); *von Ihering, Rev. Mus. Paulista,* iv. p. 257 (1900); *Sharpe, Hand-l.* ii. p. 79 (1900).
Chordeiles popetue, var. popetue, *Baird, Brewer & Ridgw. N. Amer. Birds,* ii. p. 401 (1874).

The eggs of the American Night-Hawk are of a greyish-white or cream-colour, densely marked with lavender-grey and various shades of brown. Some are speckled, others spotted and blotched, and others again are clouded and marbled. They are moderately glossy, and measure from 1·15 to 1·3 in length, and from ·85 to ·9 in breadth.

| | | |
|---|---|---|
| 5. | North America. | W. Radcliffe Saunders, Esq. [P.]. |
| 1. | North America. | Old Collection. |
| 1. | North America. | Salvin-Godman Coll. |
| 2. | North America (*Henshaw Coll.*). | Salvin-Godman Coll. |
| 1. | North America. | Gould Coll. |
| 2. | North America (*Field Coll.*). | Crowley Bequest. |

| | | |
|---|---|---|
| 2. | North America (*Tristram Coll.*). | Crowley Bequest. |
| 2. | Ottawa, Canada (*Tristram Coll.*). | Crowley Bequest. |
| 1. | Pennsylvania (*S. F. Baird: Henshaw Coll.*). | Salvin-Godman Coll. |
| 2. | Rock Island, Illinois (*J. W. Velie: Smiths. Inst.*). | Salvin-Godman Coll. |
| 1. | Iowa. | Crowley Bequest. |

### **Chordeiles henryi**, *Cass.*

Chordeiles popetue, *var.* henryi, *Baird, Brewer & Ridgw. N. Amer. Birds,* ii. p. 404 (1874).

Chordeiles henryi, *Hartert, Cat. Birds B. M.* xvi. p. 612 (1892); *Sharpe, Hand-l.* ii. p. 79 (1900).

Chordeiles virginianus henryi, *Bendire, Life-Hist. N. Amer. Birds,* ii. p. 167, pl. iii. fig. 4 (1895).

The eggs of the Western Night-Hawk are not distinguishable from those of *C. virginianus.*

| | | |
|---|---|---|
| 2. | North America. | Gould Coll. |
| 1. | North America (*Field Coll.*). | Crowley Bequest. |
| 2. | Honey Lake, California, 25th June (*H. W. Henshaw*). | Salvin-Godman Coll. |
| 1. | Twin Lakes, Colorado, 2nd July (*W. E. D. Scott*). | Princeton University, N. J. [E.]. |
| 2. | Brownsville, Texas, 13th May (*F. B. Armstrong*). | W. Radcliffe Saunders, Esq. [P.]. |

### **Chordeiles chapmani**, *Coues.*

Chordeiles chapmani, *Hartert, Cat. Birds B. M.* xvi. p. 613 (1892); *Sharpe, Hand-l.* ii. p. 79 (1900).

Chordeiles virginianus chapmani, *Bendire, Life-Hist. N. Amer. Birds,* ii. p. 170, pl. iii. figs. 5 & 6 (1895); *Hartert, Tierr.* Lief. i. *Caprimulgidæ,* p. 19 (1897).

The eggs of the Florida Night-Hawk are similar to those of *C. virginianus*, but are rather smaller, and the markings are darker. The two eggs measure respectively: 1·14 by ·86; 1·12 by ·84.

| | | |
|---|---|---|
| 2. | St. Cloud, Florida, 2nd June. | W. Radcliffe Saunders, Esq. [P.]. |

### **Chordeiles texensis**, *Lawr.*

Chordeiles texensis, *Brewer, N. Amer. Ool.* pt. i. p. 90, pl. v. fig. 62 (1856); *Hartert, Cat. Birds B. M.* xvi. p. 616 (1892); *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 397 (1894); *Nehrk. Kat. Eiersamml.* p. 157 (1899); *Sharpe, Hand-l.* ii. p. 80 (1900).

Chordeiles acutipennis, *var.* texensis, *Baird, Brewer & Ridgw. N. Amer. Birds,* ii. p. 406 (1874); *Bendire, Life-Hist. N. Amer. Birds,* ii. p. 172, pl. iii. figs. 7–10 (1895).

The eggs of the Texan Night-Hawk resemble those of *C. virginianus*, but are rather smaller. They measure from 1·11 to 1·17 in length, and from ·77 to ·85 in breadth.

| | | |
|---|---|---|
| 1. | North America (*Smiths. Inst.*). | Salvin-Godman Coll. |
| 2. | North America (*Field Coll.*). | Crowley Bequest. |
| 2. | North America. | W. Radcliffe Saunders, Esq. [P.]. |
| 2. | Brownsville, Texas, 18th April (*F. B. Armstrong*). | W. Radcliffe Saunders, Esq. [P.]. |
| 2. | Comayo, Mexico, 2nd Aug. | Crowley Bequest. |
| 2. | British Honduras, 28th April (*F. Blancaneaux*). | Salvin-Godman Coll. |

### **Chordeiles rupestris** (*Spix*).

(Plate I. fig. 5.)

Chordeiles rupestris, *Scl. & Salv. P. Z. S.* 1866, p. 193; ***Hartert**, Cat. Birds B. M.* xvi. p. 617 (1892); ***Nehrk**. Kat. Eiersamml.* p. 158 (1899); *von Ihering, Rev. Mus. Paulista*, iv. p. 257 (1900); *Sharpe, Hand-l.* ii. p. 80 (1900).

The eggs of the Rock Night-Hawk are of the same general character as those of the other members of the genus. They are beautifully marbled and veined with lavender-grey and olive-brown, some specimens being also distinctly but sparingly spotted with darker brown. They measure from 1·02 to 1·12 in length, and from ·78 to ·81 in breadth.

| | | |
|---|---|---|
| 5. | Ucayali River, Amazonia (*E. Bartlett*). | Seebohm Coll. |
| 1. | Ucayali River (*E. B.: Tristram Coll.*). | Crowley Bequest. |
| 6. | Amazonia. | Crowley Bequest. |

## Genus **NANNOCHORDEILES**, *Hartert*.

### **Nannochordeiles pusillus** (*Gould*).

Chordeiles pusillus, *Hartert, Cat. Birds B. M.* xvi. p. 618 (1892); *Nehrk. Kat. Eiersamml.* p. 158 (1899).
Nannochordeiles pusilla, *von Ihering, Rev. Mus. Paulista*, iv. p. 257 (1900); *Sharpe, Hand-l.* ii. p. 80 (1900).

The egg of the Small Night-Hawk in the Collection is of a dark cream-colour, sparingly marked with pale rufous spots and underlying pale lilac smears. It measures 1·11 by ·8; these dimensions being considerably in excess of those given by Herr Nehrkorn for the eggs of this species.

| | | |
|---|---|---|
| 1. | [Brazil.] | Crowley Bequest. |

## Genus **PODAGER**, *Wagl.*

### **Podager nacunda** (*Vieill.*).

Podager nacunda, *Dalgleish, Proc. R. Phys. Soc. Edinb.* vi. p. 241 (1880–81); *Scl. & Huds. Argent. Orn.* ii. p. 12 (1889); *Hartert, Cat. Birds B. M.* xvi. p. 619 (1892); *Aplin, Ibis*, 1894, p. 186, pl. v. fig. 7; *Nehrk. Kat. Eiersamml.* p. 158 (1899); *Sharpe, Hand-l.* ii. p. 80 (1900); *von Ihering, Rev. Mus. Paulista*, iv. p. 257 (1900).

The eggs of the Nacunda Nightjar taken by Mr. Aplin are almost perfectly elliptical in shape and possess a considerable amount of gloss. They are of a pinkish cream-colour, thickly speckled, blotched and mottled with reddish brown and with faint underlying lavender-grey. They measure respectively: 1·43 by ·99; 1·39 by 1·01.

A third specimen resembles the above and measures 1·45 by ·97.

| | | |
|---|---|---|
| 2. | Uruguay. | O. V. Aplin, Esq. [P.]. |
| 1. | Brazil, 16th Oct. (*Dalgleish Coll.*). | Crowley Bequest. |

## Genus **EUROSTOPUS**, *Gould*.

### **Eurostopus albigularis** (*Vig. & Horsf.*).

Eurostopodus albigularis, *Gould, Handb. Birds Austr.* i. p. 96 (1865); *Ramsay, P. Z. S.* 1875, p. 113; *North, Nests & Eggs Austr. Birds*, p. 28, pl. xi. fig. 3 (1889).

Eurostopus albigularis, *Hartert, Cat. Birds B. M.* xvi. p. 607 (1892); *Nehrk. Kat. Eiersamml.* p. 157 (1899); *Sharpe, Hand-l.* ii. p. 80 (1900); *Campbell, Nests & Eggs Austr. Birds,* ii. p. 535 (1901).

The egg of the White-throated Nightjar in the Collection is perfectly elliptical in shape and moderately glossy. It is of a rich cream-colour, sparingly spotted with dark purplish brown and underlying deep lavender-grey. It measures 1·6 by 1·1.

| | | |
|---|---|---|
| 1. | Taylor Range, Queensland, 11th Nov. | Crowley Bequest. |

### **Eurostopus argus**, *Hartert*.

Caprimulgus guttatus, *Thien. Fortpflanz. ges. Vög.* tab. xlii. fig. 21 (1845–54); *Koenig-Warth. J. f. O.* 1868, p. 377.

Eurostopodus guttatus, *Gould, Handb. B. Austr.* i. p. 98 (1865); *Ramsay, P. Z. S.* 1875, pp. 113, 581; *Campbell, Nests & Eggs Austr. Birds,* p. 5, pl. i. fig. 49 (1883); *North, Nests & Eggs Austr. Birds,* p. 27, pl. xi. fig. 2 (1889).

Eurostopus argus, *Hartert, Cat. Birds B. M.* xvi. p. 608 (1892); *Robinson & Laverock, Ibis,* 1900, p. 637; *Sharpe, Hand-l.* ii. p. 81 (1900).

Eurostopus guttatus, *Campbell, Nests & Eggs Austr. Birds,* ii. p. 536, pl. 16 (1901).

An egg of the Spotted Nightjar in the Collection is of a broad oval shape, another is elliptical. Both are almost devoid of gloss. They are of a greyish-green colour, sparingly marked with well-defined specks and spots of deep purplish brown. They measure respectively: 1·3 by 1·01; 1·34 by ·93.

A third specimen is elliptical in shape and slightly glossy. It is rather paler in ground-colour and is spotted with deep purplish brown and underlying lavender-grey. It measures 1·34 by ·97.

| | | |
|---|---|---|
| 1. | Dawson River, Queensland, 16th Oct. (*North Coll.*). | Crowley Bequest. |
| 1. | Reed-beds, Adelaide, Australia (*S. White*). | Gould Coll. |
| 1. | New South Wales. | Gould Coll. |

### **Eurostopus nigripennis** (*Ramsay*).

Eurostopus nigripennis, *Hartert, Cat. Birds B. M.* xvi. p. 609 (1892); *Nehrk. Kat. Eiersamml.* p. 157, tab. iv. fig. 42 (1899); *Sharpe, Hand-l.* ii. p. 81 (1900).

The eggs of the Solomon-Islands Nightjar in the Collection are almost elliptical in shape, and two of them are but very slightly glossy. They are cream-coloured, marked with well-defined spots and small blotches of blackish brown and lavender-grey. They measure respectively: 1·38 by 1; 1·45 by 1·01; 1·49 by 1.

| | |
|---|---|
| 2. Solomon Islands (*C. M. Woodford*). | Crowley Bequest. |
| 1. [Solomon Islands.] | W. Radcliffe Saunders, Esq. [P.]. |

## Genus **LYNCORNIS**, *Gould*.

### **Lyncornis cerviniceps**, *Gould*.

(Plate I. fig. 15.)

Lyncornis cerviniceps, *Oates, Birds Brit. Burm.* ii. p. 22 (1883); *id. ed. Hume, Nests & Eggs Ind. Birds*, iii. p. 52 (1890); *Hartert, Cat. Birds B. M.* xvi. p. 604 (1892); *Blanf. Fauna Brit. Ind., Birds*, iii. p. 192 (1895); *Sharpe, Hand-l.* ii. p. 81 (1900).

The egg of the Burmese Eared Nightjar in the Collection is elliptical in shape, smooth and glossy. It is cream-coloured, blotched with very pale lilac-grey, looking much as if lying beneath the surface of the shell. It measures 1·65 by 1·16.

| | |
|---|---|
| 1. Malewun, Tenasserim, 10th Jan. (*W. Davison*). | Hume Coll. |

## Genus **HYDROPSALIS**, *Wagler*.

### **Hydropsalis furcifer** (*Vieill.*).

Hydropsalis furcifera, *Scl. & Huds. Argent. Orn.* ii. p. 15 (1889); *Hartert, Cat. Birds B. M.* xvi. p. 599 (1892); *Aplin, Ibis*, 1894, p. 188, pl. v. fig. 5; *Holland, Ibis*, 1897, p. 168; *von Ihering, Rev. Mus. Paulista*, iv. p. 256 (1900).
Hydropsalis furcifer, *Sharpe, Hand-l.* ii. p. 82 (1900).

An egg of the Fork-tailed Nightjar taken by Mr. Aplin is of a pinkish cream-colour, thickly marked with lines, smears and veins of lilac-grey and brown and a few lines of darker purplish brown. The eggs taken by Mr. Holland are of an ashy-white colour, thickly mottled and veined with lavender-grey and ashy-brown. These three eggs are of a blunt oval shape, exhibit a slight amount of gloss, and measure respectively: 1·13 by ·87; 1·15 by ·84; 1·11 by ·84.

| | |
|---|---|
| 1. Uruguay, 2nd Dec. | O. V. Aplin, Esq. [P.]. |
| 2. Argentine Republic, Nov. | A. H. Holland, Esq. [C.]. |

### **Hydropsalis climacocercus**, *Tsch.*

Hydropsalis trifurcata, *Scl. & Salv. P. Z. S.* 1866, p. 193.
Hydropsalis climacocercus, *Hartert, Cat. Birds B. M.* xvi. p. 600 (1892); *Nehrk. Kat. Eiersamml.* p. 157 (1899); *von Ihering, Rev. Mus. Paulista,* iv. p. 256 (1900); *Sharpe, Hand-l.* ii. p. 82 (1900).

The egg of the Ladder-tailed Nightjar in the Collection is perfectly elliptical in shape and almost entirely devoid of gloss. It is of a rich cream-colour, marked all over with specks, spots and short irregular lines of lavender-grey and dark brown. It measures 1·01 by ·8.

| | | |
|---|---|---|
| 1. | Ucayali River, Amazonia (*E. Bartlett: Tristram Coll.*). | Crowley Bequest. |

## Genus **SCOTORNIS**, *Swains.*

### **Scotornis climacurus** * (*Vieill.*).

Caprimulgus climacurus, *Thien. Fortpflanz. ges. Vög.* tab. xlii. fig. 19 (1845–54); *Koenig-Warth. J. f. O.* 1868, p. 377.
Scotornis longicauda, *Hartert & Kutter, J. f. O.* 1886, p. 591.
Scotornis climacurus, *Hartert, Cat. Birds B. M.* xvi. p. 596 (1892); *Nehrk. Kat. Eiersamml.* p. 157 (1899); *Sharpe, Hand-l.* ii. p. 82 (1900).

The eggs of the African Long-tailed Nightjar are elliptical in shape and slightly glossy. They are cream-coloured, sometimes tinged with pink, profusely smeared and blotched with grey or lavender and two shades of brown. They measure from ·97 to 1·04 in length, and from ·71 to ·78 in breadth.

| | | |
|---|---|---|
| 2. | Near Fashoda, White Nile, 11th April. | R. McD. Hawker, Esq. [P.]. |
| 2. | Near Fashoda, 11th April. | R. McD. Hawker, Esq. [P.]. |
| 2. | Near Fashoda, 7th May. | R. McD. Hawker, Esq. [P.]. |

## Genus **MACRODIPTERYX**, *Swains.*

### **Macrodipteryx longipennis** (*Shaw*).

Macrodipteryx longipennis, *Reichen. J. f. O.* 1891, p. 381; *Sharpe, Hand-l.* ii. p. 82 (1900).
Macrodipteryx macrodipterus, *Hartert, Cat. Birds B. M.* xvi. p. 594 (1892); *Nehrk. Kat. Eiersamml.* p. 156 (1899).

The eggs of the Standard-winged Nightjar are of a blunt oval or elliptical shape, and exhibit a considerable amount of gloss. They are of a pinkish stone-colour, clouded and mottled with pale brown and lavender-grey. Four examples measure respectively: 1·04 by ·77; 1 by ·75; 1 by ·73; ·97 by ·72.

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* Mr. Hawker procured in one and the same locality birds, some of which are referable to the light and others to the dark form of this Nightjar.

| | | |
|---|---|---|
| 1. | Northern Nigeria, W. Africa. | J. F. Loder Symonds, Esq. [P.]. |
| 2. | Sierra Leone. | C. H. Firmin, Esq. [P.]. |
| 1. | Near Fashoda, White Nile. | R. McD. Hawker, Esq. [P.]. |

### Genus **COSMETORNIS**, *Gray.*

#### **Cosmetornis vexillarius** (*Gould*).

Cosmetornis vexillarius, *Sharpe, ed. Layard's Birds S. Africa*, p. 89 (1874–84); *Hartert, Cat. Birds B. M.* xvi. p. 595 (1892); *Nehrk. Kat. Eiersamml.* p. 156 (1899); *Sharpe, Hand-l.* ii. p. 82 (1900).

The eggs of the Pennant-winged Nightjar closely resemble those of *Macrodipteryx longipennis*, but are larger and rather more rufous in colour. Four examples measure respectively: 1·22 by ·85; 1·18 by ·79; 1·21 by ·8; 1·15 by ·8.

| | | |
|---|---|---|
| 2. | Mazoe, Mashonaland, 25th Oct. | J. Ffolliott Darling, Esq. [P.]. |
| 2. | Mazoe, 6th Nov. | J. Ffolliott Darling, Esq. [P.]. |

### Genus **NYCTIDROMUS**, *Gould.*

#### **Nyctidromus albicollis** (*Gm.*).

(Plate I. fig. 12.)

Nyctidromus guianensis, *Scl. & Salv. P. Z. S.* 1864, p. 364.
Caprimulgus guianensis, *Koenig-Warth. J. f. O.* 1868, p. 379.
Nyctidromus albicollis, *Scl. & Salv. P. Z. S.* 1866, p. 193; *Hartert, Cat. Birds B. M.* xvi. p. 587 (1892); *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 393 (1894); *Nehrk. Kat. Eiersamml.* p. 156 (1899); *von Ihering, Rev. Mus. Paulista,* iv. p. 256 (1900); *Sharpe, Hand-l.* ii. p. 83 (1900).

The eggs of the White-necked Nightjar are elliptical in shape, moderately glossy. They are of two types of coloration. In one the eggs are of a greyish-pink colour, spotted and mottled with pale pinkish brown and underlying lavender-grey. In the other they are cream-coloured, distinctly spotted with pinkish brown and underlying lavender-grey. Specimens measure from 1·16 to 1·23 in length, and from ·83 to ·91 in breadth.

| | | |
|---|---|---|
| 2. | Panama (*McLeannan*). | Salvin-Godman Coll. |
| 1. | Yucatan. | Old Collection. |
| 2. | S. America. | W. Radcliffe Saunders, Esq. [P.]. |
| 1. | British Guiana. | W. Ratcliffe Saunders, Esq. [P.] |
| 2. | Pallatanga, Ecuador (*L. Fraser*). | Salvin-Godman Coll. |
| 1. | Ucayali River, Amazonia (*E. Bartlett: Tristram Coll.*). | Crowley Bequest. |
| 1. | Brazil (*Nehrkorn Coll.*). | Crowley Bequest. |
| 2. | Brazil. | Crowley Bequest. |

## Genus **PHALÆNOPTILUS**, *Ridgw.*

### **Phalænoptilus nuttalli** (*Audub.*).

Antrostomus nuttalli, *Baird, Brewer & Ridgw. N. Amer. Birds*, ii. p. 417 (1874).
Phalænoptilus nuttalli, *Hartert, Cat. Birds B. M.* xvi. p. 579 (1892); *Salv. & Godm. Biol. Centr.-Amer., Aves*, ii. p. 389 (1894); *Bendire, Life-Hist. N. Amer. Birds*, ii. p. 153, pl. i. fig. 23 (1895); *Nehrk. Kat. Eiersamml.* p. 156 (1899); *Sharpe, Hand-l.* ii. p. 83 (1900).

The eggs of Nuttall's Nightjar are of a narrow elliptical form, moderately glossy, and of a plain white. Two examples measure respectively: 1·12 by ·78; 1·1 by ·77.

| | | |
|---|---|---|
| 2. | North America (*Field Coll.*). | Crowley Bequest. |

## Genus **STENOPSIS**, *Cass.*

### **Stenopsis longirostris** (*Bp.*).

Caprimulgus bifasciatus, *Koenig-Warth. J. f. O.* 1868, p. 382, tab. ii. fig. 3.
Stenopsis bifasciata, *Scl. & Huds. Argent. Orn.* ii. p. 14 (1889).
Stenopsis longirostris, *Hartert, Cat. Birds B. M.* xvi. p. 585 (1892); *James, New List Chilian Birds*, p. 5 (1892); *Nehrk. Kat. Eiersamml.* p. 156 (1899); *von Ihering, Rev. Mus. Paulista*, iv. p. 256 (1900); *Sharpe, Hand-l.* ii. p. 83 (1900).

The eggs of the Banded-winged Nightjar are elliptical in shape and exhibit a little gloss. They are ashy white, marked all over with specks, spots, and, in some instances, short angular lines of yellowish brown and indistinct spots and blotches of underlying grey. Six examples measure from 1 to 1·08 in length, and from ·77 to ·8 in breadth.

| | | |
|---|---|---|
| 1. | Chile. | Old Collection. |
| 1. | Chile. | Crowley Bequest. |
| 2. | Central Chile (*Landbeck*). | Berkeley James Coll. |
| 2. | Central Chile (*Paulsen*). | Berkeley James Coll. |

### **Stenopsis ruficervix**, *Scl.*

Stenopsis ruficervix, *Scl. & Salv. P. Z. S.* 1879, p. 531; *Hartert, Cat. Birds B. M.* xvi. p. 584 (1892); *Nehrk. Kat. Eiersamml.* p. 156 (1899); *Sharpe, Hand-l.* ii. p. 84 (1900).

The eggs of the American Red-necked Nightjar are elliptical or broadly oval in shape, and are almost devoid of all gloss. The specimens in the Collection are of a plain white colour, but Mr. Salmon states that the eggs of this species are sometimes of a pale red colour with small spots. Four examples measure respectively: 1·1 by ·82; 1·06 by ·75; 1·1 by ·79; 1·08 by ·77.

| | | |
|---|---|---|
| 2. | Santa Elena, Antioquia, U.S. Colombia (*T. K. Salmon*). | Salvin-Godman Coll. |
| 2. | Colombia. | Crowley Bequest. |

## Genus **CAPRIMULGUS**, *Linn.*

### Caprimulgus nigrescens, *Cab.*

Antrostomus nigrescens, *Salv. Ibis*, 1885, p. 438.
Caprimulgus nigrescens, *Hartert, Cat. Birds B. M.* xvi. p. 572 (1892); *Nehrk. Kat. Eiersamml.* p. 156 (1899); *von Ihering, Rev. Mus. Paulista*, iv. p. 256 (1900); *Sharpe, Hand-l.* ii. p. 84 (1900).

The eggs of the Dusky Nightjar in the Collection are moderately glossy and of a pale pinkish-buff colour, marked with clear, well-defined spots and blotches of dark chocolate-brown and underlying lavender-grey. They measure respectively: ·98 by ·74; 1·05 by ·73.

| | | |
|---|---|---|
| 2. | British Guiana (*H. Whitely*). | Crowley Bequest. |

### Caprimulgus vociferus, *Wils.*

Caprimulgus vociferus, *Thien. Fortpflanz. ges. Vög.* tab. xlii. fig. 18 *a, b* (1845–54); *Hartert, Cat. Birds B. M.* xvi. p. 568 (1892); *Nehrk. Kat. Eiersamml.* p. 156 (1899); *Sharpe, Hand-l.* ii. p. 84 (1900).
Antrostromus vociferus, *Brewer, N. Amer. Ool.* pt. i. p. 84, pl. v. fig. 57 (1856); *Baird, Brewer & Ridgw. N. Amer. Birds*, ii. p. 413 (1874); *Bendire, Life-Hist. N. Amer. Birds*, ii. p. 146, pl. i. figs. 10 & 11 (1895).

The eggs of the Whip-poor-Will are of a creamy-white colour, spotted and blotched with dark lavender-grey. Some specimens, however, are also spotted with pale rufous and various shades of brown. They have a moderate amount of gloss, and measure from 1·04 to 1·18 in length, and from ·76 to ·86 in breadth.

| | | |
|---|---|---|
| 1. | North America (*Smiths. Inst.*). | Salvin-Godman Coll. |
| 2. | North America (*Henshaw Coll.*). | Salvin-Godman Coll. |
| 2. | North America, 13th June (*Field Coll.*). | Crowley Bequest. |
| 1. | Saybrook, Connecticut. | W. Radcliffe Saunders, Esq. [P.]. |
| 2. | Philadelphia (*Tristram Coll.*). | Crowley Bequest. |

### Caprimulgus carolinensis (*Gm.*).

Antrostomus carolinensis, *Brewer, N. Amer. Ool.* pt. i. p. 82, pl. v. fig. 56 (1856); *Baird, Brewer & Ridgw. N. Amer. Birds*, ii. p. 410 (1874); *Bendire, Life-Hist. N. Amer. Birds*, ii. p. 142, pl. i. figs. 8, 9 (1895).
Caprimulgus carolinensis, *Hartert, Cat. Birds B. M.* xvi. p. 565 (1892); *Nehrk. Kat. Eiersamml.* p. 155 (1899); *Sharpe, Hand-l.* ii. p. 85 (1900).

The eggs of the Carolina Nightjar in the Collection are white, blotched and marbled with lavender-grey, and, in a lesser degree, with various shades of brown. They have but little gloss, and measure respectively: 1·44 by 1; 1·3 by 1; 1·44 by 1·08; 1·37 by 1·01; 1·28 by ·91; 1·29 by ·94.

| | | |
|---|---|---|
| 1. | North America (*Smiths. Inst.*). | Salvin-Godman Coll. |
| 2. | North America (*Field Coll.*). | Crowley Bequest. |
| 2. | Missouri, 4th May. | W. Radcliffe Saunders, Esq. [P.]. |
| 1. | Georgia (*Tristram Coll.*). | Crowley Bequest. |

### **Caprimulgus natalensis**, *Smith.*

Caprimulgus natalensis, *Gurney, Ibis,* 1860, p. 204; *Sharpe, ed. Layard's Birds S. Africa,* p. 88 (1875-84); *Hartert, Cat. Birds B. M.* xvi. p. 564 (1892); *Sharpe, Hand-l.* ii. p. 85 (1900).

The eggs of the Natal Nightjar taken by Mr. Ayres are of a plain white colour, and measure respectively: 1·18 by ·85; 1·13 by ·86.

Eggs in the Crowley Bequest, assigned to this species, are quite different in colour and smaller in size. They are of a pinkish cream-colour, mottled and smeared with very pale lavender and brown. They measure respectively: 1·1 by ·78; 1·11 by ·76.

| | | |
|---|---|---|
| 2. | Natal (*T. Ayres*). | Salvin-Godman Coll. |
| 2. | Krugersdorp, Transvaal. | Crowley Bequest. |

### **Caprimulgus clarus**, *Reichenow.*

(Plate I. fig. 3.)

Caprimulgus clarus, *Hartert, Cat. Birds B. M.* xvi. p. 552 (1892); *Sharpe, Hand-l.* ii. p. 85 (1900).

The eggs of Reichenow's Nightjar taken by Mr. Jackson are ashy white, clouded and smeared with pale brown and lavender-grey. They are slightly glossy, and measure respectively: 1·05 by 72; 1·02 by ·73.

A third specimen is smaller and somewhat darker than the above. It measures ·95 by ·72.

| | | |
|---|---|---|
| 2. | Manda Island, E. Africa. | F. J. Jackson, Esq. [P.]. |
| 1. | Mombasa, E. Africa. | Crowley Bequest. |

### **Caprimulgus eximius**, *Temm.*

Caprimulgus eximius, *Hartert, Cat. Birds B M.* xvi. p. 563 (1892); *Sharpe, Hand-l.* ii. p. 85 (1900).

An egg of the Notable Nightjar, taken in the Soudan, very closely resembles some of the eggs of *C. mahrattensis.* It is greyish white, densely marbled with pale olivaceous brown and lavender, and measures 1·11 by ·82.

| | | |
|---|---|---|
| 1. | Shendi, Sudan, 20th March. | Hon. N. C. Rothschild & A. F. R. Wollaston, Esq. [P.]. |

### **Caprimulgus mahrattensis**, *Sykes.*

Caprimulgus mahrattensis, *Barnes, Journ. Bomb. Nat. Hist. Soc.* iv. p. 8, pl. —. fig. 113 (1889); *Oates ed. Hume, Nests & Eggs Ind. Birds,* iii. p. 49 (1890); *Hartert, Cat. Birds B. M.* xvi. p. 561 (1892); *Blanf. Fauna Brit. Ind., Birds,* iii. p. 184 (1895); *Rattray, Journ. Bomb. Nat. Hist. Soc.* xii. p. 342 (1899); *Sharpe, Hand-l.* ii. p. 85 (1900).

The eggs of Sykes's Nightjar are moderately glossy and of a greyish-white colour, spotted, marbled, and blotched with pale olive-brown and lavender-grey. On some specimens the markings of the former colour are so pale as to be hardly noticeable. Specimens measure from 1·08 to 1·21 in length, and from ·75 to ·85 in breadth.

| | | |
|---|---|---|
| 2. | Eastern Narra, Sind (*S. Doig*). | Hume Coll. |
| 2. | Eastern Narra, 18th Feb. (*S. D.*). | Hume Coll. |
| 2. | Eastern Narra, 20th Feb. (*S. D.*). | Hume Coll. |
| 2. | Eastern Narra, 20th Feb. (*S. D.*). | Hume Coll. |
| 1. | Eastern Narra, 21st Feb. (*S. D.*). | Hume Coll. |
| 2. | Eastern Narra, 22nd Feb. (*S. D.*). | Hume Coll. |
| 2. | Eastern Narra, 23rd Feb. (*S. D.*). | Hume Coll. |
| 1. | Eastern Narra, 3rd April (*S. D.*). | Hume Coll. |
| 1. | Eastern Narra, 2nd May (*S. D.*). | Hume Coll. |
| 1. | Eastern Narra, 22nd July (*S. D.*). | Hume Coll. |
| 1. | Eastern Narra, 25th July (*S. D.*). | Hume Coll. |
| 2. | Eastern Narra, May (*E. A. Butler*). | Crowley Bequest. |
| 2. | Eastern Narra, 10th Feb. (*S. Doig: Field Coll.*). | Crowley Bequest. |

### **Caprimulgus ægyptius**, *Licht.*

Caprimulgus isabellinus, *Koenig-Warth. J. f. O.* 1868, p. 366; *Heugl. Vög. N.O.-Afr.* tab. xliii. fig. 8 (1873).
Caprimulgus ægyptius, *Dresser, B. Eur.* iv. p. 629 (1881); *Seebohm, Brit. Birds,* ii. p. 315 (1884); *Hartert, Cat. Birds B. M.* xvi. p. 562 (1892); *Sharpe, Hand-l.* ii. p. 86 (1900).

The eggs of the Egyptian Nightjar in the Collection are not separable from many of the eggs of *C. europæus,* described below. They are ashy white, marked with yellowish brown and lavender-grey, and measure respectively: 1·19 by ·8; 1·17 by ·81.

| | | |
|---|---|---|
| 2. | Damietta, Egypt, 17th May (*Field Coll.*). | Crowley Bequest. |

### **Caprimulgus asiaticus**, *Lath.*

Caprimulgus asiaticus, *Beavan, P. Z. S.* 1864, p. 375; *Legge, Birds Ceylon,* p. 343 (1878); *Barnes, Journ. Bomb. Nat. Hist. Soc.* iv. p. 7, pl. —. fig. 112 (1889); *Oates ed. Hume, Nests & Eggs Ind. Birds,* iii. p. 48 (1890); *Hartert, Cat. Birds B. M.* xvi. p. 558 (1892); *Blanf. Fauna Brit. Ind., Birds,* iii. p. 186 (1895); *Sharpe, Hand-l.* ii. p. 86 (1900).

The eggs of the Common Indian Nightjar exhibit a considerable amount of gloss, and are of a pale salmon-pink colour, blotched, smeared, and occasionally spotted with brown and purplish grey. The brown markings on many specimens are tinged with red, on others with purple. Examples measure from ·97 to 1·15 in length, and from ·71 to ·83 in breadth.

| | | |
|---|---|---|
| 2. | India. | Crowley Bequest. |
| 3. | India. | Hume Coll. |
| 2. | Sambhur, Rajputana, 27th April (*R. M. Adam*). | Hume Coll. |
| 3. | Hoshungabad, C. Provs., 22nd July. | Hume Coll. |

| | | |
|---|---|---|
| 1. | Raipur, C. Provs., 25th July (*F. R. Blewitt*). | Hume Coll. |
| 1. | Saugor, C. Provs., 22nd July (*F. R. B.*) | Hume Coll. |
| 1. | Dhulia, Khandesh (*J. Davidson*). | Hume Coll. |
| 1. | Dhulia, 18th June (*J. D.*). | Hume Coll. |
| 1. | Dhulia, 17th July (*J. D.*). | Hume Coll. |
| 1. | Dhulia, 29th July (*J. D.*). | Hume Coll. |
| 3. | Dhulia, 5th Aug. (*J. D.*). | Hume Coll. |
| 3. | Arvee, Khandesh, 4th–6th Sept. (*J. D.*). | Hume Coll. |
| 2. | Maunbhoom, Bengal (*R. C. Beavan*). | Hume Coll. |

### Caprimulgus affinis, *Horsf.*

Caprimulgus affinis, *Hartert, Cat. Birds B. M.* xvi. p. 549 (1892); *Nehrk. Kat. Eiersamml.* p. 155 (1899); *Sharpe, Hand-l.* ii. p. 86 (1900).

An egg of the Allied Nightjar in the Collection is of a pale creamy-buff colour, blotched and mottled with faint brown and lavender. It measures 1·17 by ·89.

| | | |
|---|---|---|
| 1. | Borneo (*Tristram Coll.*). | Crowley Bequest. |

### Caprimulgus griseatus, *G. R. Gray.*

Caprimulgus griseatus, *Kutter, J. f. O.* 1882, p. 175; *Hartert, Cat. Birds B. M.* xvi. p. 550 (1892); *Grant & Whitehead, Ibis,* 1898, p. 245, pl. vi. fig. 7; *Sharpe, Hand-l.* ii. p. 86 (1900).

The eggs of the Philippine Nightjar taken by Mr. Whitehead are creamy white, marked with small blotches and smears of pale brown and grey. They are almost devoid of all gloss, and measure respectively: 1·2 by ·85; 1·26 by ·83.

| | | |
|---|---|---|
| 2. | Cape Engaño, N.E. Luzon, 26th May. | J. Whitehead, Esq. [C.]. |

### Caprimulgus monticola, *Frankl.*

Caprimulgus monticolus, *Beavan, P. Z. S.* 1864, p. 375; *Barnes, Journ. Bomb. Nat. Hist. Soc.* iv. p. 8, pl. —. fig. 114 (1889); *Oates ed. Hume, Nests & Eggs Ind. Birds,* iii. p. 51 (1890).

Caprimulgus monticola, *Hartert, Cat. Birds B. M.* xvi. p. 547 (1892) *Blanf. Fauna Brit. Ind., Birds,* iii. p. 185 (1895); *Rattray, Journ. Bomb. Nat. Hist. Soc.* xii. p. 343 (1899); *Sharpe, Hand-l.* ii. p. 86 (1900).

The eggs of Franklin's Nightjar are of much the same type as those of *C. asiaticus*. An egg taken by Mr. Davison and another by Mr. Blewitt are salmon-pink, blotched and smeared with reddish brown and underlying lavender-grey. Two other specimens are of a pinkish cream-colour, with large underlying smudges of lavender-grey and some small spots and blotches of pale reddish brown. The specimens are glossy, and measure respectively: 1·18 by ·89; 1·22 by ·88; 1·15 by ·8; 1·2 by ·87.

| | | |
|---|---|---|
| 1 | Khandesh, W. India, 19th July. | Crowley Bequest. |
| 1. | Raipur, C. Provs., India, 13th July (*F. R. Blewitt*). | Hume Coll. |
| 1. | Maunbhoom, Bengal, April (*R. C. Beavan*). | Salvin-Godman Coll. |
| 1. | Yeaboo, Tenasserim, 10th March (*W. Davison*). | Hume Coll. |

### **Caprimulgus manillensis**, *Wald.*

(Plate I. fig. 9.)

Caprimulgus manillensis, *Hartert, Cat. Birds B. M.* xvi. p. 544 (1892); *Grant & Whitehead, Ibis,* 1898, p. 246; *Sharpe, Hand-l.* ii. p. 86 (1900).

Two eggs of the Manila Nightjar in the Collection are cream-coloured, marked with underlying blotches of lavender-grey; one specimen is also boldly marked with pale brown, whereas the second has the surface-markings almost obsolete. These examples do not differ much from the eggs of *C. griseatus*. They measure respectively: 1·13 by ·8; 1·12 by ·8.

| | | |
|---|---|---|
| 2. | Cape Engaño, N.E. Luzon, 22nd May. | J. Whitehead, Esq. [C.]. |

### **Caprimulgus macrurus**, *Horsf.*

(Plate I. fig. 8.)

Caprimulgus macrurus, *Sharpe, P. Z. S.* 1879, p. 332; *North, Nests & Eggs Austr. Birds*, p. 29 (1889); *Everett, List Birds Born.* p. 153 (1889); *Sharpe, Ibis,* 1890, p. 22; *Hartert, Cat. Birds B. M.* xvi. p. 537 (1892); *Nehrk. Kat. Eiersamml.* p. 155 (1899); *Sharpe, Hand-l.* ii. p. 87 (1900); *Campbell, Nests & Eggs Austr. Birds,* ii. p. 534 (1901).

The eggs of Horsfield's Nightjar are of a pale creamy-buff colour, thickly blotched and clouded with lavender-grey, over which are scattered a few surface-spots and blotches of pale brown. They are glossy, and measure from 1·1 to 1·3 in length, and from ·8 to ·91 in breadth.

| | | |
|---|---|---|
| 3. | Borneo (*Tristram Coll.*). | Crowley Bequest. |
| 8. | Labuan, Borneo. | Sir Hugh Low [C.]. |
| 2. | Labuan, April. | A. H. Everett, Esq. [C.]. |
| 2. | Mt. Kina Balu, Borneo, 25th March (*J. Whitehead*). | Crowley Bequest. |
| 2. | Tiga Island, Borneo, April. | A. H. Everett, Esq. [C.]. |
| 2. | Mt. Victoria, New Guinea. | Crowley Bequest. |
| 2. | Australia. | Crowley Bequest. |
| 1. | Rockhampton Bay, Queensland, Sept. (*North Coll.*). | Crowley Bequest. |

### **Caprimulgus ambiguus,** *Hartert.*

(Plate I. fig. 4.)

Caprimulgus macrurus, *Oates ed. Hume, Nests & Eggs Ind. Birds,* iii. p. 45 (1890); *Hartert, Cat. Birds B. M.* xvi. p. 537, part. (1892); *Blanf. Fauna Brit, Ind., Birds,* iii. p. 189, part. (1895); *Butler, Journ. Bomb. Nat. Hist. Soc.* xii. p. 423 (1899).
Caprimulgus ambiguus, *Hartert, Ibis,* 1896, p. 373; *Sharpe, Hand-l.* ii. p. 87 (1900).

The eggs of the Malay Nightjar resemble those of *C. macrurus*, but the ground is rather darker in colour and in some cases tinged with pink. They measure from 1·13 to 1·26 in length, and from ·85 to ·92 in breadth.

| | | |
|---|---|---|
| 2. | Tenasserim, 15th March. | Hume Coll. |
| 2. | Thoungyin River, Tenasserim, 15th March (*C. T. Bingham*). | Hume Coll. |
| 2. | Thoungyin River, 18th March (*C. T. B.*). | Hume Coll. |
| 2. | Thoungyin River, 19th April (*C. T. B.*). | Hume Coll. |
| 2. | Kossoom, Malay Peninsula, 29th April. | Hume Coll. |
| 2. | Salang, Malay Peninsula, 25th March. | Hume Coll. |
| 3. | Singapore, 18th Dec. | H. N. Ridley, Esq. [P.]. |

### **Caprimulgus albinotatus,** *Tick.*

(Plate I. figs. 1 & 2.)

Caprimulgus albinotatus, *Beavan, P. Z. S.* 1864, p. 375; *Oates ed. Hume, Nests & Eggs Ind. Birds,* iii. p. 43 (1890); *Hartert, Cat. Birds B. M.* xvi. p. 540 (1892); *Sharpe, Hand-l.* ii. p. 87 (1900).
Caprimulgus macrurus, *apud Blanf. Fauna Brit. Ind., Birds,* iii. p. 188, part. (1895).

The eggs of the Bengal Nightjar are of three types. In one the eggs resemble those of *C. macrurus*. In another they also resemble the eggs of *C. macrurus*, but they have the ground-colour decidedly tinged with salmon-pink. In a third type the ground-colour is greyish white, and this is finely spotted and blotched with lavender-grey and very pale brown, closely resembling the common type of the egg of *C. europæus*. Specimens measure from 1·1 to 1·3 in length, and from ·88 to ·92 in breadth.

| | | |
|---|---|---|
| 1. | Dhurumsala, Kashmir, 31st March (*C. R. Cock*). | Hume Coll. |
| 1. | Kotgurh, Himalayas, 15th May. | Hume Coll. |
| 2. | Mussoori, 19th April (*T. Hutton*). | Hume Coll. |
| 2. | Mussoori (*T. H.*). | Hume Coll. |
| 1. | Jerripani, Mussoori (*T. H.*). | Hume Coll. |
| 1. | Kumaon. | Hume Coll. |
| 2. | Sikhim Terai, 14th April. | Hume Coll. |
| 2. | Maunbhoom, Bengal (*R. C. Beavan*). | Salvin-Godman Coll. |

### Caprimulgus atripennis, *Jerd.*

Caprimulgus atripennis, *Legge, Birds Ceylon*, p. 340 (1878); *Barnes, Journ. Bomb. Nat. Hist. Soc.* iv. p. 7, pl. —. fig. 111 (1889); *Oates ed. Hume, Nests & Eggs Ind. Birds*, iii. p. 47 (1890); *Hartert, Cat. Birds B. M.* xvi. p. 542 (1892); *Sharpe, Hand-l.* ii. p. 87 (1900).

Caprimulgus macrurus (*nec Horsf.*), *Blanf. Fauna Brit. Ind., Birds*, iii. p. 188 (1895).

The eggs of the South-Indian Nightjar, from the Nilghiri Hills, resemble pale eggs of *C. asiaticus*. They are very glossy, and measure respectively: 1·12 by ·7; 1 by ·73.

Eggs of this species taken in Ceylon by Mr. A. L. Butler are, however, of quite a different type from the above. They have a pale buff ground, and are sparingly marked with well-defined spots and small blotches of purplish brown and lavender. Four examples measure respectively: 1·19 by ·85; 1·13 by ·87; 1·12 by ·81; 1·2 by ·89.

| | | |
|---|---|---|
| 2. | Kotagherry, Nilghiri Hills, S. India, 10th May (*Miss Cockburn*). | Hume Coll. |
| 2. | Lunugala, Ceylon, 3rd July (*A. L. Butler*). | Crowley Bequest. |
| 1. | Lunugala, 6th July (*A. L. B.*). | Crowley Bequest. |
| 1. | Lunugala, 18th Aug. (*A. L. B.*). | Crowley Bequest. |

### Caprimulgus andamanicus, *Hume.*

(Plate I. fig. 11.)

Caprimulgus andamanicus, *Oates ed Hume, Nests & Eggs Ind. Birds*, iii. p. 46 (1890); *Hartert, Cat. Birds B. M.* xvi. p. 543 (1892); *Blanf. Fauna Brit. Ind., Birds*, iii. p. 190 (1895); *Sharpe, Hand-l.* ii. p. 87 (1900).

The eggs of the Andaman Nightjar in the Collection are dissimilar. The ground-colour of both is a pale salmon-pink. In one specimen, however, the markings consist of clouds of pale purplish pink, chiefly disposed about the broad end, and a few inconspicuous blotches of underlying grey. In the other, the ground is blotched, mottled, and also marked with irregular lines and scrawls of pale purplish pink of two shades, no trace of underlying markings being visible. They measure respectively: 1·11 by ·85; 1·05 by ·83.

| | | |
|---|---|---|
| 2. | Port Mouat, Andamans, 12th April (*W. Davison*). | Hume Coll. |

### Caprimulgus madagascariensis, *Sganz.*

Caprimulgus madagascariensis, *E. Newton, Ibis*, 1863, pp. 340, 461, pl. xiii. fig. 8; *Milne-Edwards & Grandidier, Hist. Nat. Madag., Ois.* i. p. 206, pl. 302. fig. 7 (1879); *Cowan, Proc. R. Phys. Soc. Edinb.* vii. p. 148 (1882); *Hartert, Cat. Birds B. M.* xvi. p. 535 (1892); *Sharpe, Hand-l.* ii. p. 87 (1900).

The eggs of the Madagascar Nightjar are smaller than those of *C. europæus*, but otherwise closely resemble the common type of egg of that species. They measure from ·98 to 1·09 in length, and from ·71 to ·78 in breadth.

| | | |
|---|---|---|
| 2. | Betsileo, Madagascar. | Rev. W. Deans Cowan [P.]. |
| 8. | Madagascar (*Tristram Coll.*). | Crowley Bequest. |
| 3. | Madagascar. | W. Radcliffe Saunders, Esq. [P.]. |

### Caprimulgus europæus, *Linn.*

Caprimulgus europæus, *Thien. Fortpflanz. ges. Vög.* tab. xlii. fig. 15, *a–c* (1845–54); *Baedeker, Eier Eur. Vög.* tab. 50. fig. 8 (1855–63); *Hewitson, Eggs of Brit. Birds,* i. p. 270, pl. lxvi. (1856); *Dresser, Birds Eur.* iv. p. 621 (1875); *Seebohm, Brit. Birds,* ii. p. 309, pl. 17 (1884); *Whitehead, Ibis,* 1885, p. 27; *Hartert, Cat. Birds B. M.* xvi. p. 526 (1892); *Seebohm, Eggs of Brit. Birds,* p. 163, pl. 47. figs. 4, 5, & 6 (1896); *Sharpe, Hand-l.* ii. p. 87 (1900).

The majority of the eggs of the Common Nightjar have a white or pale ashy-white ground-colour, and are covered with blotches, veins, smears, and clouds of ashy brown, yellowish brown, or pale rufous, together with underlying markings of lavender-grey. On some eggs the markings almost entirely consist of well-defined blotches; on others indistinct shapeless clouds and smears, intermingled with veins and lines. The underlying markings are always very large and prominent.

Eggs of another type have the ground cream-coloured or of a pale salmon-pink colour, with the markings of the same character as those described above.

Specimens measure from 1·1 to 1·4 in length, and from ·8 to ·95 in breadth.

| | | |
|---|---|---|
| 2. | Co. Waterford, Ireland, 3rd June. | R. J. Ussher, Esq. [P.]. |
| 2. | Co. Waterford, 19th July. | R. J. Ussher, Esq. [P.]. |
| 2. | Cambridgeshire (*F. Bond*). | Seebohm Coll. |
| 1. | Cambridgeshire (*F. B.*). | Seebohm Coll. |
| 8. | New Forest, Hampshire (*Hargitt Coll.*). | Seebohm Coll. |
| 2. | New Forest (*H. Saunders*). | Seebohm Coll. |
| 2. | New Forest, June (*H. S.*). | Seebohm Coll. |
| 2. | New Forest, 12th June (*H. S.*). | Seebohm Coll. |
| 1. | Alice Holt, near Bentley, Hampshire, 29th July (*Hargitt Coll.*). | Seebohm Coll. |
| 2. | Headley, Hampshire, June. | Crowley Bequest. |
| 1. | Stanmore, Middlesex (*Hargitt Coll.*). | Seebohm Coll. |
| 1. | Finchley, Middlesex (*O. S.*). | Salvin-Godman Coll. |
| 2. | Finchley (*O. S.*). | Salvin-Godman Coll. |
| 2. | Highgate Wood, Middlesex (*O. S.*). | Salvin-Godman Coll. |
| 5. | Near London. | Salvin-Godman Coll. |
| 4. | Surrey. | Gould Coll. |
| 2. | Churt, Surrey, May. | Crowley Bequest. |
| 2. | Churt, June. | Crowley Bequest. |
| 2. | Churt, June. | Crowley Bequest. |

| | | |
|---|---|---|
| 2. | Churt, June. | Crowley Bequest. |
| 2. | Churt. | Crowley Bequest. |
| 2. | Tilford, Surrey. | Crowley Bequest. |
| 2. | Tilford. | Crowley Bequest. |
| 1. | Farnham, Surrey. | Seebohm Coll. |
| 2. | Farnham. | Seebohm Coll. |
| 2. | Farnham. | Seebohm Coll. |
| 1. | Maidstone, Kent. | Seebohm Coll. |
| 2. | Elbeuf, France (*Noury: Hargitt Coll.*). | Seebohm Coll. |
| 2. | Elbeuf (*Noury: Hargitt Coll.*). | Seebohm Coll. |
| 2. | Elbeuf (*Noury: Hargitt Coll.*). | Seebohm Coll. |
| 2. | Vosges, France, 16th May (*Mougel: Hargitt Coll.*). | Seebohm Coll. |
| 2. | Vosges (*Mougel: Hargitt Coll.*). | Seebohm Coll. |
| 1. | Corsica, 6th June. | J. Whitehead, Esq. [C.]. |
| 1. | Livonia, Baltic Provs., June (*Russow*). | Seebohm Coll. |
| 2. | Livonia, 14th June (*Russow*). | Seebohm Coll. |
| 1. | Pomerania (*T. Holland*). | Seebohm Coll. |
| 2. | Pomerania (*T. H.*). | Seebohm Coll. |

## **Caprimulgus unwini,** *Hume.*

(Plate I. fig. 10.)

Caprimulgus unwini, *Oates ed. Hume, Nests & Eggs Ind. Birds,* iii. p. 47 (1890); *Hartert, Cat. Birds B. M.* xvi. p. 528 (1892); *Sharpe, Hand-l.* ii. p. 87 (1900).

The eggs of Unwin's Nightjar do not appear to differ in any respect from those of *C. europæus* of the common type. Two examples measure respectively: 1·22 by ·85; 1·13 by ·83.

| | | |
|---|---|---|
| 1. | Murree, N.W. Himalayas, 5th May (*C. H. T. Marshall*). | Hume Coll. |
| 1. | Murree (*C. H. T. M.*). | Hume Coll. |

## **Caprimulgus ruficollis,** *Temm.*

Caprimulgus ruficollis, *Thien. Fortpflanz. ges. Vög.* tab. xlii. fig. 16 (1845–54); *Baedeker, Eier Eur. Vög.* tab. 50. fig. 9 (1855–63); *Saunders, Ibis,* 1871, p. 67; *Dresser, Birds Eur.* iv. p. 633 (1874); *Bree, Birds Eur.* 2nd ed. iv. p. 100, pl. — (1875); *Hartert, Cat. Birds B. M.* xvi. p. 531 (1892); *Seebohm, Eggs of Brit. Birds,* p. 165, pl. 47. figs. 1 & 3 (1896); *Sharpe, Hand-l.* ii. p. 87 (1900).

The eggs of the Red-necked Nightjar are not separable from those of *C. europæus.* They measure from 1·22 to 1·3 in length, and from ·88 to ·91 in breadth.

| | | |
|---|---|---|
| 1. | Spain (*Lord Lilford: Tristram Coll.*). | Crowley Bequest. |
| 1. | Spain, 4th June. | Howard Saunders, Esq. [P.]. |
| 1. | Spain, 5th June (*Howard Saunders*). | Crowley Bequest. |
| 2. | South Spain, 3rd July. | Crowley Bequest. |

| | |
|---|---|
| 1. Arganda, Spain, June. | Salvin-Godman Coll. |
| 2. Seville, Spain, 9th June (*H. Saunders*). | Seebohm Coll. |
| 2. Coria, Spain, 16th May (*H. S.*). | Seebohm Coll. |
| 2. Coria, 16th May (*H. S.*). | Seebohm Coll. |
| 2. Coria, 16th May (*H. S.*). | Seebohm Coll. |
| 2. Malaga. | Crowley Bequest. |

### Caprimulgus rufigena, *Smith.*

Caprimulgus rufigena, *Ayres, Ibis,* 1869, p. 289; *Sharpe, ed. Layard's Birds S. Africa,* p. 85 (1875–84); *Hartert, Cat. Birds B. M.* xvi. p. 532 (1892); *Nehrk. Kat. Eiersamml.* p. 155 (1899); *Sharpe, Hand-l.* ii. p. 88 (1900).

An egg of the Rufous-cheeked Nightjar taken by Mr. Ayres is of a pinkish-buff colour, distinctly spotted and, in a minor degree, blotched with lilac-red and lavender. It measures 1·08 by ·78.

| | |
|---|---|
| 1. Transvaal, Oct. (*T. Ayres: Tristram Coll.*). | Crowley Bequest. |

### Caprimulgus frænatus, *Salvad.*

Caprimulgus frænatus, *Hartert, Cat. Birds B. M.* xvi. p. 533 (1892); *id. Tierreich,* Lief. i. *Caprimulgidæ,* p. 59 (1897); *Sharpe, Hand-l.* ii. p. 88 (1900); *Hinde, Ibis,* 1900, p. 499.

The eggs of Salvadori's Nightjar are cream-coloured, with underlying blotches of lavender-grey, these blotches being much more pronounced on one of the eggs than on the other, the same egg also having some surface-blotches of pale brown, which are present, but very faintly indicated, in the second. The measurements are 1·20 by ·82; 1·14 by ·82.

| | |
|---|---|
| 2. Kitui, Brit. E. Africa, Nov. | Dr. S. L. Hinde [P.]. |

### Caprimulgus pectoralis, *Cuv.*

Caprimulgus pectoralis, *Koenig-Warth. J. f. O.* 1868, p. 387; *Sharpe, ed. Layard's Birds S. Africa,* p. 84 (1875–84); *Hartert, Cat. Birds B. M.* xvi. p. 534 (1892); *Sharpe, Hand-l.* ii. p. 88 (1900).

An egg of the South-African Nightjar is of a pinkish cream-colour, very faintly mottled all over with grey or light purple. It measures 1·07 by ·8.

| | |
|---|---|
| 1. Transvaal, Oct. (*T. Ayres* *: *Tristram Coll.*). | Crowley Bequest. |

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* Mr. Ayres does not refer to this egg in any of his published writings.

## **Caprimulgus indicus**, *Lath.*

Caprimulgus kelaarti, *Legge, Birds Ceylon*, p. 337 (1878); *Oates ed. Hume, Nests & Eggs Ind. Birds*, iii. p. 41 (1890); *Hartert, Cat. Birds B. M.* xvi. p. 555 (1892).

Caprimulgus indicus, *Barnes, Journ. Bomb. Nat. Hist. Soc.* iv. p. 7, pl. —. fig. 107 (1889); *Oates ed. Hume, Nests & Eggs Ind. Birds*, iii. p. 40 (1890); *Blanf. Fauna Brit. Ind., Birds*, iii. p. 190 (1895); *Sharpe, Hand-list*, ii. p. 88 (1900).

The eggs of the Jungle Nightjar resemble very closely those of *C. ambiguus*, but are rather more brightly coloured. They measure from 1·11 to 1·25 in length, and from ·8 to ·87 in breadth.

| | | |
|---|---|---|
| 2. | Central Provinces, 12th April (*F. R. Blewitt*). | Hume Coll. |
| 1. | Raipur, C. Provs., 13th July (*F. R. B.*). | Hume Coll. |
| 1. | Mysore, 8th April (*C. J. W. Taylor*). | Hume Coll. |
| 2. | Kotagherry, Nilghiri Hills, 1st April (*Miss Cockburn*). | Hume Coll. |
| 1. | Kotagherry, 18th April (*Miss Cockburn*). | Hume Coll. |
| 2. | Kotagherry, 10th May (*Miss Cockburn*). | Hume Coll. |
| 2. | Kotagherry, 11th May (*Miss Cockburn*). | Hume Coll. |
| 1. | Coonoor, Nilghiri Hills, April. | Hume Coll. |
| 1. | Nilghiri Hills, 24th May. | Hume Coll. |
| 1. | Ceylon, 4th May (*A. L. Butler*). | Crowley Bequest. |
| 2. | Ceylon, 9th May (*A. L. B.*). | Crowley Bequest. |

## **Caprimulgus jotaka**, *Temm. & Schleg.*

(Plate I. fig. 14.)

Caprimulgus jotaka, *Godw.-Aust. Journ. Asiat. Soc. Beng.* xliii. pt. ii. p. 153 (1874); *Oates ed. Hume, Nests & Eggs Ind. Birds*, iii. p. 45 (1890); *Hartert, Cat. Birds B. M.* xvi. p. 552 (1892); *Tacz. Faune Orn. Sibér. Orient.* p. 162 (1893); *La Touche, Ibis*, 1900, p. 41; *Sharpe, Hand-l.* ii. p. 88 (1900).

The eggs of the Japanese Nightjar resemble those eggs of *C. europæus* which have the ground-colour white or ashy white. Six examples measure respectively: 1·16 by ·9; 1·2 by ·88; 1·23 by ·87; 1·22 by ·87; 1·2 by ·91; 1·27 by ·91.

| | | |
|---|---|---|
| 1. | Eastern Siberia (*Dybowski: Tristram Coll.*). | Crowley Bequest. |
| 2. | Hondo, Japan, 28th June. | Crowley Bequest. |
| 2. | Shillong, Assam, 29th May. | Col. H. H. Godwin-Austen [C.]. |
| 1. | Kuatun, Fohkien, China, 21st May. | C. B. Rickett, Esq. [P.]. |

## Sub-Order *CYPSELI.*

The eggs of the Swifts are of a narrow cylindrical or lengthened blunt oval form. They are of a plain white, and seldom exhibit any gloss.

## Family MACROPTERYGIDÆ.

### Genus **MACROPTERYX**, *Swains.*

### **Macropteryx coronata** (*Tickell*).

Dendrochelidon coronata, *Legge, Birds Ceylon*, p. 328 (1878).
Macropteryx coronata, *Oates ed. Hume, Nests & Eggs Ind. Birds*, iii. p. 36 (1890); *Hartert, Cat. Birds B. M.* xvi. p. 512 (1892); *Blanf. Fauna Brit. Ind., Birds*, iii. p. 180 (1895); *Nehrk. Kat. Eiersamml.* p. 154 (1899); *Sharpe, Hand-l.* ii. p. 88 (1900).

The eggs of the Indian Crested Swift in the Collection differ considerably in size, measuring respectively: ·91 by ·62 and ·86 by ·5.

| | | |
|---|---|---|
| 1. | Chanda District, Central Provinces, India, 7th May (*R. Thompson*). | Hume Coll. |
| 1. | Nilghiri Hills (*Capt. Mitchell*). | Hume Coll. |

## Family CYPSELIDÆ.

### Sub-Family CHÆTURINÆ.

### Genus **COLLOCALIA**, *Gray.*

### **Collocalia lowi**, *Sharpe.*

Collocalia lowi, *Hartert, Cat. Birds B. M.* xvi. p. 498 (1892); *Hose, Ibis*, 1893, p. 406; *Sharpe, Hand-l.* ii. p. 89 (1900).

The eggs of Low's Swiftlet measure from ·92 to ·97 in length, and from ·6 to ·63 in breadth.

| | | |
|---|---|---|
| 2. | Baram, Sarawak, Borneo. | Dr. Charles Hose [P.]. |
| 7. | Niah Caves, Sarawak, Dec. | Dr. Charles Hose [P.]. |

### **Collocalia fuciphaga** (*Thunb.*).

Collocalia fuciphaga, *Hartert, Cat. Birds B. M.* xvi. p. 498 (1892); *Hose, Ibis*, 1893, p. 405; *Sharpe, Hand-l.* ii. p. 89 (1900).

The eggs of Thunberg's Swiftlet measure from ·76 to ·89 in length, and from ·48 to ·56 in breadth.

| | | |
|---|---|---|
| 2. | Borneo. | P. L. Sclater, Esq. [P.]. |
| 5. | Niah Caves, Sarawak, Borneo. | Dr. Charles Hose [P.]. |

### Collocalia unicolor (*Jerd.*).

Collocalia francica, *Legge, Birds Ceylon*, p. 324 (1878).
Collocalia unicolor, *Oates ed. Hume, Nests & Eggs Ind. Birds*, iii. p. 28 (1890); *Sharpe, Hand-l.* ii. p. 90 (1900).
Collocalia fuciphaga, *Hartert, Cat. Birds B. M.* xvi. p. 498, part. (1892); *Blanf. Fauna Brit. Ind., Birds*, iii. p. 176 (1895).

The eggs of the South Indian Swiftlet resemble those of *C. fuciphaga* in all respects.

| | | |
|---|---|---|
| 30. | Vingorla Rocks, W. Coast of India, 12th June (*G. Vidal*). | Hume Coll. |
| 7. | Nilghiri Hills, April. | Hume Coll. |
| 2. | Nilghiri Hills. | Crowley Bequest. |
| 2. | Ootacamund, Nilghiri Hills. | Crowley Bequest. |
| 7. | Bramagherri Hills, Madras. | Hume Coll. |
| 3. | Mynall, Travancore (*F. W. Bourdillon*). | Hume Coll. |
| 4. | Lunugala, Ceylon, 18th April (*A. L. Butler*). | Crowley Bequest. |

### Collocalia francica (*Gm.*).

Collocalia francica, *E. Newton, Ibis*, 1861, p. 271; *Hartert, Cat. Birds B. M.* xvi. p. 503 (1892); *Nehrk. Kat. Eiersamml.* p. 154 (1899); *Sharpe, Hand-l.* ii. p. 90 (1900); *Campbell, Nests & Eggs Austr. Birds*, ii. p. 532 (1901).

Two eggs of the Grey-rumped Swiftlet measure respectively: ·79 by ·51; ·72 by ·5.

| | | |
|---|---|---|
| 1. | Mauritius, 25th Nov. (*E. Newton*). | Crowley Bequest. |
| 1. | Fiji Islands. | Crowley Bequest. |

### Collocalia inexpectata, *Hume*.

Collocalia spodiopygia, *Oates ed. Hume, Nests & Eggs Ind. Birds*, iii. p. 35 (1890).
Collocalia inexpectata, *Hartert, Cat. Birds B. M.* xvi. p. 505 (1892); *Sharpe, Hand-l.* ii. p. 90 (1900).
Collocalia francica, *Blanf. Fauna Brit. Ind., Birds*, iii. p. 178, part. (1895).

The single egg of Hume's Swiftlet in the Collection measures ·82 by ·53.

| | | |
|---|---|---|
| 1. | Little Button Island, Andamans, 21st March (*A. O. Hume*). | Hume Coll. |

### Collocalia leucopygia, *Wall.*

Collocalia leucopygia, *Layard, Ibis*, 1878, p. 252; *Hartert, Cat. Birds B. M.* xvi. p. 506 (1892); *Sharpe, Hand-l.* ii. p. 90 (1900).

An egg of Wallace's Swiftlet measures 77 by ·49.

| | | |
|---|---|---|
| 1. | New Caledonia (*E. L. Layard: Tristram Coll.*). | Crowley Bequest. |

### Collocalia uropygialis, *Gray.*

Collocalia uropygialis, *Layard, Ibis,* 1878, p. 253; *Hartert, Cat. Birds B. M.* xvi. p. 507 (1892); *Nehrk. Kat. Eiersamml.* p. 154 (1899); *Sharpe, Hand-l.* ii. p. 90 (1900).

The eggs of Gray's Swiftlet measure from ·67 to ·7 in length, and ·43 in breadth.

| | | |
|---|---|---|
| 4. | New Caledonia (*E. L. Layard: Tristram Coll.*). | Crowley Bequest. |
| 1. | Loyalty Islands (*Lieut. Gunn: Tristram Coll.*). | Crowley Bequest. |

### Collocalia linchi, *Horsf. & Moore.*

Collocalia linchi, *Oates ed. Hume, Nests & Eggs Ind. Birds,* iii. p. 33 (1890); *Sharpe, Ibis,* 1890, p. 23; *Hartert, Cat. Birds B. M.* xvi. p. 508 (1892); *Hose, Ibis,* 1893, p. 406; *Blanf. Fauna Brit. Ind., Birds,* iii. p. 178 (1895); *Sharpe, Hand-l.* ii. p. 90 (1900).

The eggs of Horsfield's Swiftlet measure from ·63 to ·71 in length, and from ·42 to ·46 in breadth.

| | | |
|---|---|---|
| 1. | Andamans. | Hume Coll. |
| 2. | Jolly Boy Island, Andamans, 9th March (*A. O. Hume*). | Hume Coll. |
| 2. | Jolly Boy Island, 9th March (*A. O. H.*). | Hume Coll. |
| 2. | S.E. Borneo (*Grabowski*). | Crowley Bequest. |
| 4. | Sarawak, Borneo. | Dr. Charles Hose [P.]. |
| 1. | Lobok Bungi Cave, Sarawak. | Dr. Charles Hose [P.]. |
| 2. | Lobok Bungi Cave. | Dr. Charles Hose [P.]. |
| 1. | Sibuli, Borneo, 5th Dec. | Dr. Charles Hose [P.]. |
| 2. | Mt. Kina Balu, Borneo, 22nd Feb. (*J. Whitehead*). | Crowley Bequest. |
| 1. | Mindanao, Philippine Islands (*Koch*). | Crowley Bequest. |

### Collocalia esculenta (*Linn.*).

Collocalia esculenta, *Meyer, Ibis,* 1879, p. 65; *Hartert, Cat. Birds B. M.* xvi. p. 509 (1892); *Nehrk. Kat. Eiersamml.* p. 154 (1899); *Sharpe, Hand-l.* ii. p. 91 (1900); *Campbell, Nests & Eggs Austr. Birds,* ii. p. 533 (1901).

Two eggs of the Edible-nest Swiftlet in the Collection measure respectively: ·62 by 41; ·68 by ·42.

| | | |
|---|---|---|
| 1. | St. Aignan, Louisiade Archipelago. | E. S. Meek, Esq. [C.]. |
| 1. | Amboina (*Nehrkorn Coll.*). | Crowley Bequest. |

## Genus **CHÆTURA**, *Steph.*

### Chætura caudacuta (*Lath.*).

Acanthylis caudacuta, *Dresser, Birds Eur.* iv. p. 613 (1880).
Chætura caudacuta, *Seebohm, Brit. Birds,* ii. p. 303 (1884); *Tacz. Faune Orn. Sibér. Orient.* p. 170 (1891); *Hartert, Cat. Birds B. M.* xvi. p. 472 (1892); *Sharpe, Hand-l.* ii. p. 91 (1900).

Two eggs of the Siberian Spine-tailed Swift measure respectively: 1·22 by ·75; 1·2 by ·75.

| | | |
|---|---|---|
| 2. | Sega, N. Mongolia (*A. Rückheil*). | Crowley Bequest. |

### Chætura zonaris (*Shaw*).

Hemiprocne zonaris, *Scl. & Salv. P. Z. S.* 1879, p. 531; *Scl. & Huds. Argent. Orn.* ii. p. 11 (1889).

Chætura zonaris, *Hartert, Cat. Birds B. M.* xvi. p. 476 (1892); *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 373 (1893); *Nehrk. Kat. Eiersamml.* p. 154 (1899); *Sharpe, Hand-l.* ii. p. 91 (1900); *von Ihering, Rev. Mus. Paulista,* p. 255 (1900).

The eggs of the Ringed Spine-tailed Swift in the Collection measure 1·28 by ·88; 1·27 by ·88; 1·29 by ·85 respectively.

| | | |
|---|---|---|
| 1. | Frontino, Antioquia, U.S. Colombia (*T. K. Salmon*). | Salvin-Godman Coll. |
| 2. | Colombia. | Crowley Bequest. |

### Chætura pelagica (*Linn.*).

Hirundo pelasgia, *Thien. Fortpflanz. ges. Vög.* tab. xlii. fig. 5 (1845-54).

Acanthylis pelasgia, *Brewer, N. Amer. Ool.* pt. i. p. 108, pl. iv. fig. 51 (1856).

Chætura pelagica, *Baird, Brewer & Ridgw. N. Amer. Birds,* ii. p. 432 (1874); *Hartert, Cat. Birds B. M.* xvi. p. 480 (1892); *Bendire, Life-Hist. N. Amer. Birds,* ii. p. 177, pl. i. fig. 25 (1895); *Nehrk. Kat. Eiersamml.* p. 154 (1899); *Sharpe, Hand-l.* ii. p. 92 (1900).

The eggs of the American Chimney-Swift measure from ·75 to ·85 in length, and from ·49 to ·55 in breadth.

| | | |
|---|---|---|
| 1. | North America (*Smiths. Inst.*). | Salvin-Godman Coll. |
| 2. | North America (*Henshaw Coll.*). | Salvin-Godman Coll. |
| 6. | North America. | Crowley Bequest. |
| 3. | North America (*Tristram Coll.*). | Crowley Bequest. |

### Chætura vauxi (*Towns.*).

Chætura vauxi, *Baird, Brewer & Ridgw. N. Amer. Birds,* ii. p. 435 (1874); *Hartert, Cat. Birds B. M.* xvi. p. 481 (1892); *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 375 (1894); *Bendire, Life-Hist. N. Amer. Birds,* ii. p. 183, pl. i. fig. 26 (1895); *Nehrk. Kat. Eiersamml.* p. 154 (1899); *Sharpe, Hand-l.* ii. p. 92 (1900).

The eggs of Vaux's Swift in the Collection measure respectively: ·75 by ·53; ·77 by ·53.

| | | |
|---|---|---|
| 2. | North America. | Crowley Bequest. |

## Sub-Family CYPSELINÆ.

### Genus **TACHORNIS**, *Gosse.*

Many of the eggs of the Swifts of this genus exhibit a considerable amount of gloss.

### **Tachornis parvus** (*Licht.*).

Cypselus parvus, *Sharpe, ed. Layard's Birds S. Africa*, p. 94 (1875–84).
Tachornis parva, *Hartert, Cat. Birds B. M.* xvi. p. 463 (1892); *Nehrk. Kat. Eiersamml.* p. 154 (1899).
Tachornis parvus, *Sharpe, Hand-l.* ii. p. 94 (1900).

An egg of the Little African Palm-Swift in the Collection measures ·72 by ·46.

| | | |
|---|---|---|
| 1. | East Africa (*Nehrkorn Coll.*). | Crowley Bequest. |

### **Tachornis balasiensis** (*J. E. Gray*).

Cypselus batassiensis, *Legge, Birds Ceylon*, p. 322 (1878); *Oates ed. Hume, Nests & Eggs Ind. Birds*, ii. p. 25 (1890).
Tachornis batassiensis, *Hartert, Cat. Birds B. M.* xvi. p. 466 (1892); *Blanf. Fauna Brit. Ind., Birds*, iii. p. 170 (1895).
Tachornis balasiensis, *Sharpe, Hand-l.* ii. p. 94 (1900).

The eggs of the Palm-Swift measure from ·65 to ·75 in length, and from ·42 to ·48 in breadth.

| | | |
|---|---|---|
| 2. | India. | Crowley Bequest. |
| 1. | Mirzapur, N.W. Provs., 18th March (*R. Thompson*). | Hume Coll. |
| 4. | Allahabad, 30th July (*C. T. Bingham*). | Hume Coll. |
| 2. | Chupra, Bengal, 8th March. | Hume Coll. |
| 2. | Chupra, 9th March. | Hume Coll. |
| 1. | Chupra, 10th March. | Hume Coll. |
| 4. | Chupra, 11th March. | Hume Coll. |
| 10. | Chupra, 12th March. | Hume Coll. |
| 4. | Chupra, 13th March. | Hume Coll. |

### **Tachornis infumatus** (*Scl.*).

Cypselus tectorum, *Godw.-Aust. Journ. Asiat. Soc. Beng.* xxxix. pt. ii. p. 94 (1870).
Cypselus infumatus, *Oates ed. Hume, Nests & Eggs Ind. Birds*, iii. p. 27 (1890).
Tachornis infumatus, *Hartert, Cat. Birds B. M.* xvi. p. 467 (1892); *Blanf. Fauna Brit. Ind., Birds*, iii. p. 171 (1895); *Nehrk. Kat. Eiersamml.* p. 154 (1899); *Sharpe, Hand-l.* ii. p. 94 (1900).

The eggs of Sclater's Palm-Swift measure from ·72 to ·67 in length, and from ·47 to ·42 in breadth.

| | | |
|---|---|---|
| 2. | Garo Hills, Assam. | Col. H. H. Godwin-Austin [C.]. |
| 3. | Assam, 25th May. | E. C. Stuart Baker, Esq. [P.]. |
| 1. | Burma, 22nd March. | W. Radcliffe Saunders, Esq. [P.]. |

### Tachornis phœnicobius, *Gosse*.

Tachornis phœnicobia, *Gosse, Birds Jamaica*, p. 58 (1847); *Hartert, Cat. Birds B. M.* xvi. p. 468 (1892); *Sharpe, Hand-l.* ii. p. 94 (1900).

The eggs of the Jamaica Palm-Swift in the Collection measure respectively: ·68 by ·45; ·72 by ·43; ·66 by ·43.

| | | |
|---|---|---|
| 3. | Rae Town, Jamaica, 15th June (*C. B. Taylor*). | Crowley Bequest. |

## Genus **CYPSELUS**, *Illiger*.

### Cypselus melba (*Linn.*).

Hirundo melba, *Thien. Fortpflanz. ges. Vög.* tab. xlii. fig. 10, *a*, *b* (1845–54).

Cypselus melba, *Baedeker, Eier Eur. Vög.* tab. 50. fig. 1 (1855–63); *Dresser, Birds Eur.* iv. p. 603 (1874); *Legge, Birds Ceylon*, p. 317 (1878); *Seebohm, Brit. Birds*, ii. p. 297, pl. 18 (1884); *Oates ed. Hume, Nests & Eggs Ind. Birds*, iii. p. 20 (1890); *Blanf. Fauna Brit. Ind., Birds*, iii. p. 164 (1895); *Seebohm, Eggs of Brit. Birds*, p. 162, pl. 48. fig. 3 (1896); *Sharpe, Hand-l.* ii. p. 95 (1900).

Cypselus alpinus, *Hewitson, Eggs of Brit. Birds*, i. p. 269, pl. lxv. fig. vi (1856).

Micropus melba, *Hartert, Cat. Birds B. M.* xvi. p. 438 (1892).

The eggs of the Alpine Swift measure from 1·09 to 1·3 in length, and from ·7 to ·77 in breadth.

| | | |
|---|---|---|
| 1. | Europe (*Kjærbolling*). | Crowley Bequest. |
| 2. | Berne, Switzerland. | Crowley Bequest. |
| 3. | Berne (*H. Saunders: Tristram Coll.*). | Crowley Bequest. |
| 2. | Berne (*H. Saunders*). | Seebohm Coll. |
| 2. | Berne Cathedral (*H. S.*). | Seebohm Coll. |
| 2. | Berne Cathedral (*H. S.*). | Seebohm Coll. |
| 2. | Berne Cathedral (*H. S.*). | Seebohm Coll. |
| 2. | St. Gothard (*T. Krüper*). | Seebohm Coll. |
| 1. | St. Gothard (*T. K.*). | Seebohm Coll. |
| 4. | Bernese Oberland. | Salvin-Godman Coll. |
| 2. | Bernese Oberland. | Crowley Bequest. |
| 1. | Kotagherry, Nilghiri Hills, S. India (*Miss Cockburn*). | Hume Coll. |

### Cypselus apus (*Linn.*).

Hirundo apus, *Thien. Fortpflanz. ges. Vög.* tab. xlii. fig. 9, *a*, *b* (1845–54).

Cypselus apus, *Baedeker, Eier Eur. Vög.* tab. 50. fig. 2 (1855–63); *Dresser, Birds Eur.* iv. p. 583 (1874); *Seebohm, Brit. Birds*, ii. p. 292, pl. 18 (1884); *id. Eggs of Brit. Birds*, p. 161, pl. 48. fig. 2 (1896); *Sharpe, Hand-l.* ii. p. 95 (1900).

Cypselus murarius, *Hewitson, Eggs of Brit. Birds*, i. p. 267, pl. lxv. fig. v (1856).

Micropus apus, *Hartert, Cat. Birds B. M.* xvi. p. 442 (1892).

The eggs of the Common Swift measure from ·94 to 1·1 in length, and from ·59 to ·66 in breadth.

| | | |
|---|---|---|
| 2. | Inverness-shire (*Hargitt Coll.*). | Seebohm Coll. |
| 6. | Brandon, Northumberland. | Salvin-Godman Coll. |

| | | |
|---|---|---|
| 3. | Preston, Lancashire. | Seebohm Coll. |
| 3. | Edwinstow, 14th June (*C. J. Fleming*). | Seebohm Coll. |
| 2. | Taunton, Somerset. | Seebohm Coll. |
| 2. | New Forest, Hants, 1st June. | Seebohm Coll. |
| 6. | Alton Church, Hants. | Crowley Bequest. |
| 4. | Goderstone Church, Surrey. | Salvin-Godman Coll. |
| 4. | Harting, Sussex, June (*J. E. Harting*). | Seebohm Coll. |
| 2. | Sweden (*Hargitt Coll.*). | Seebohm Coll. |
| 2. | Berlin, 8th June (*T. Holland*). | Seebohm Coll. |
| 2. | Dorpat, Baltic Provinces (*Russow*). | Seebohm Coll. |
| 3. | Switzerland (*Hargitt Coll.*). | Seebohm Coll. |

### **Cypselus murinus**, *Brehm.*

Cypselus pallidus, *Dresser, Birds Eur.* iv. p. 597 (1875); *Sharpe, Ibis,* 1891, p. 110.
Micropus murinus, *Hartert, Cat. Birds B. M.* xvi. p. 446 (1892).
Cypselus murinus, *Irby, Orn. Str. Gibr.* 2nd ed. p. 123 (1895); *Blanf. Fauna Brit. Ind., Birds,* iii. p. 166 (1895); *Sharpe, Hand-l.* ii. p. 95 (1900).

The eggs of the Pale Brown Swift measure from ·94 to 1·03 in length, and from ·57 to ·65 in breadth.

| | | |
|---|---|---|
| 2. | Gibraltar, 12th June. | Shelley Coll. |
| 3. | Fao, Persian Gulf. | W. D. Cumming, Esq. [P.]. |

### **Cypselus pacificus** (*Lath.*).

Cypselus vittatus, *Swinhoe, Ibis,* 1863, p. 353.
Cypselus pacificus, *Oates, Birds Brit. Burm.* ii. p. 1 (1883); *Tacz. Faun. Orn. Sibér. Orient.* p. 168 (1891); *Blanf. Fauna Brit. Ind., Birds,* iii. p. 167 (1895); *Sharpe, Hand-l.* ii. p. 96 (1900).
Micropus pacificus, *Hartert, Cat. Birds B. M.* xvi. p. 448 (1892); *Nehrk. Kat. Eiersamml.* p. 153 (1899); *Campbell, Nests & Eggs Austr. Birds,* ii. p. 530 (1901).

The eggs of the White-rumped Large Swift measure from 1·04 to 1·12 in length, and from ·65 to ·69 in breadth.

| | | |
|---|---|---|
| 2. | Siberia. | Crowley Bequest. |
| 1. | Darasun, Dauria, 17th July (*Dybowski*). | Crowley Bequest. |
| 5. | Formosa (*R. Swinhoe*). | Seebohm Coll. |
| 3. | Ningpo, China (*R. S.: Tristram Coll.*). | Crowley Bequest. |

### **Cypselus streubeli**, *Hartl.*

Micropus streubeli, *Hartert, Cat. Birds B. M.* xvi. p. 452 (1892).
Cypselus streubeli, *Sharpe, Hand-l.* ii. p. 96 (1900).

Two eggs of Hartlaub's Swift in the Collection measure respectively: ·94 by ·57; ·87 by ·54.

| | | |
|---|---|---|
| 2. | Congo. | Dr. Lucan [C.]. |

### **Cypselus affinis**, *Gray & Hardw.*

Cypselus affinis, *Beavan, P. Z. S.* 1864, p. 375; *Dresser, Birds Eur.* iv. p. 591 (1874); *Legge, Birds Ceylon,* p. 319 (1878); *Oates ed. Hume, Nests & Eggs Ind. Birds,* iii. p. 21 (1890); *Blanf. Fauna Brit. Ind., Birds,* iii. p. 168 (1892); *Sharpe, Hand-l.* ii. p 96 (1900).
Micropus affinis, *Hartert, Cat. Birds B. M.* xvi. p. 453 (1892).

The eggs of the Common Indian Swift measure from ·78 to ·96 in length, and from ·51 to ·61 in breadth.

| | | |
|---|---|---|
| 5. | India. | Crowley Bequest. |
| 41. | Simla, Himalayas, 20th Aug. (*A. Hume*). | Hume Coll. |
| 2. | Dhurumsala, Kashmir, 17th April. | Hume Coll. |
| 1. | Kootub, near Delhi. | Hume Coll. |
| 2. | Delhi, 14th April (*C. T. Bingham*). | Hume Coll. |
| 1. | Jodhpur, 3rd April. | Hume Coll. |
| 5. | Etawah, 18th Feb. (*W. E. Brooks*). | Hume Coll. |
| 3. | Etawah, 27th May. | Hume Coll. |
| 1. | Etawah, 23rd June. | Hume Coll. |
| 2. | Etawah, 27th June (*W. E. Brooks: Tristram Coll.*). | Crowley Bequest. |
| 2. | Saugor, C. Provs., 16th July. | Hume Coll. |
| 2. | Barrackpur, Bengal (*R. C. Beavan*). | Salvin-Godman Coll. |
| 4. | Ceylon, 13th June (*A. L. Butler*). | Crowley Bequest. |

### **Cypselus subfurcatus**, *Blyth.*

Cypselus subfurcatus, *Swinhoe, Ibis,* 1867, p. 227; *Oates, Birds Brit. Burm.* ii. p. 2 (1883); *Blanf. Fauna Brit. Ind., Birds,* iii. p. 169 (1895); *Baker, Ibis,* 1896, p. 356; *Sharpe, Hand-l.* ii. p. 96 (1900).
Micropus subfurcatus, *Hartert, Cat. Birds B. M.* xvi. p. 456 (1892); *id. Nov. Zool.* i. p. 674 (1894); *Nehrk. Kat. Eiersamml.* p. 153 (1899).

Four eggs of the White-rumped Black Swift in the Collection measure respectively: ·9 by ·58; ·85 by ·56; ·91 by ·57; ·85 by ·6.

| | | |
|---|---|---|
| 3. | Amoy, China (*R. Swinhoe*). | Seebohm Coll. |
| 1. | Amoy (*Nehrkorn Coll.*). | Crowley Bequest. |

## Sub-Order *TROCHILI.*

## Family TROCHILIDÆ.

The eggs of the Humming-birds are typically of an elongated cylindrical shape, with the two ends quite similar, but some examples are of an elongated oval form. They are plain white and entirely devoid of gloss.

## Genus **THRENETES**, *Gould.*

### Threnetes ruckeri (*Bourc.*).

Glaucis ruckeri, *Gould, Mon. Troch.* i. pl. 11 (1851).
Threnetes ruckeri, *Salv. Cat. Birds B. M.* xvi. p. 265 (1892); *id. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 316 (1892); *Nehrk. Kat. Eiersamml.* p. 153 (1899); *Sharpe, Hand-l.* ii. p. 98 (1900).

An egg of Rucker's Hermit measures ·57 by ·37.

| | | |
|---|---|---|
| 1. | Chiriqui, Panama (*Nehrkorn Coll.*). | Crowley Bequest. |

## Genus **GLAUCIS**, *Boie.*

### Glaucis hirsuta (*Gm.*).

Glaucis hirsuta, *Gould, Mon. Troch.* i. pl. 5 (1858); *Salv. Cat. Birds B. M.* xvi. p. 41 (1892); *id. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 255 (1892); *Nehrk. Kat. Eiersamml.* p. 152 (1899); *von Ihering, Rev. Mus. Paulista,* iv. p. 252 (1900); *Sharpe, Hand-l.* ii. p. 98 (1900).

The eggs of the Hairy Hermit in the Collection measure respectively: ·6 by ·38; ·59 by ·37; ·61 by ·38.

| | | |
|---|---|---|
| 2. | Grenada, W. Indies (*J. G. Wells*). | Crowley Bequest. |
| 1. | [S. America.] | Crowley Bequest. |

## Genus **PHAËTHORNIS**, *Swains.*

### Phaëthornis eurynome (*Less.*).

Phaëthornis eurynome, *Gould, Mon. Troch.* i. pl. 16 (1849); *Salv. Cat. Birds B. M.* xvi. p. 276 (1892); *Nehrk. Kat. Eiersamml.* p. 153 (1899); *von Ihering, Rev. Mus. Paulista,* iv. p. 253 (1900); *Sharpe, Hand-l.* ii. p. 98 (1900).

An egg of Lesson's Hermit measures ·57 by ·34.

| | | |
|---|---|---|
| 1. | [Brazil.] | Crowley Bequest. |

### Phaëthornis augusti (*Bourc.*).

Phaëthornis augusti, *Gould, Mon. Troch.* i. pl. 29 (1854); *Salv. Cat. Birds B. M.* xvi. p. 277 (1892); *Nehrk. Kat. Eiersamml.* p. 153 (1899); *Sharpe, Hand-l.* ii. p. 99 (1900).

The eggs of Sallé's Hermit measure, on the average, ·55 by ·37.

| | | |
|---|---|---|
| 10. | Venezuela (*Gugenheimer*). | Crowley Bequest. |

## Genus **CAMPYLOPTERUS**, *Swains.*

### **Campylopterus hemileucurus** (*Licht.*).

Campylopterus delattrii, *Gould, Mon. Troch.* ii. pl. 45 (1855).
Campylopterus hemileucurus, *Salv. Cat. Birds B. M.* xvi. p. 291 (1892); *id. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 323 (1892); *Sharpe, Hand-l.* ii. p. 102 (1900).

The eggs of Delattre's Sabre-wing in the Collection measure respectively: ·67 by ·45; ·65 by ·46.

| | | |
|---|---|---|
| 2. | Costa Rica, 3rd July. | C. F. Underwood, Esq. [C.]. |

## Genus **PATAGONA**, *Gray.*

### **Patagona gigas** (*Vieill.*).

Patagona gigas, *Gould, Mon. Troch.* iv. pl. 232 (1855); *Scl. & Huds. Argent. Orn.* ii. p. 4 (1889); *Salv. Cat. Birds B. M.* xvi. p. 348 (1892); *James, New List Chilian Birds,* p. 5 (1892); *Sharpe, Hand-l.* ii. p. 103 (1900).

The eggs of the Giant Humming-bird measure from ·76 to ·82 in length, by ·5 in breadth.

| | | |
|---|---|---|
| 1. | Central Chile, Jan. | Berkeley James Coll. |
| 2. | Central Chile, Nov. | Berkeley James Coll. |
| 2. | Central Chile, Dec. | Berkeley James Coll. |

## Genus **SAUCEROTTEA**, *Bp.*

### **Saucerottea warscewiczi** (*Cab. & Heine*).

Amazilia warszewiczi, *Sharpe in Gould's Mon. Troch., Suppl.* (1887); *Salv. Cat. Birds B. M.* xvi. p. 222 (1892); *Nehrk. Kat. Eiersamml.* p. 152 (1899).
Saucerottea warscewiczi, *Sharpe, Hand-l.* ii. p. 107 (1900).

The average dimensions of five eggs of Warscewicz's Amazili are ·57 by ·36.

| | | |
|---|---|---|
| 5. | Venezuela (*Gugenheimer*). | Crowley Bequest. |

### **Saucerottea sophiæ** (*Bourc. & Muls.*).

Erythronota sophiæ, *Gould, Mon. Troch.* v. pl. 322 (1861).
Amazilia sophiæ, *Salv. Cat. Birds B. M.* xvi. p. 224 (1892); *id. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 303 (1892).
Saucerottea sophiæ, *Sharpe, Hand-l.* ii. p. 107 (1900).

The eggs of Sophia's Amazili in the Collection measure respectively: ·53 by ·35; ·53 by ·36.

| | | |
|---|---|---|
| 2. | Azahar de Cartago, Costa Rica, 1st Dec. (*C. F. Underwood*). | Crowley Bequest. |

### Saucerottea erythronota (*Less.*).

Erythronota antiqua, *Gould, Mon. Troch.* v. pl. 316 (1860).
Amazilia erythronota, *Salv. Cat. Birds B. M.* xvi. p. 225 (1892).
Saucerottea erythronota, *Sharpe, Hand-l.* ii. p. 107 (1900).

The egg of the Trinidad Amazili measures ·48 by ·31.

1. [Trinidad.] Crowley Bequest.

### Saucerottea feliciæ (*Less.*).

Erythronota feliciæ, *Gould, Mon. Troch.* v. pl. 317 (1849).
Amazilia feliciæ, *Salv. Cat. Birds B. M.* xvi. p. 226 (1892); *Nehrk. Kat. Eiersamml.* p. 152 (1899).
Saucerottea feliciæ, *Sharpe, Hand-l.* ii. p. 107 (1900).

An egg of Felicia's Amazili measures ·57 by ·37.

1. Venezuela (*Nehrkorn Coll.*). Crowley Bequest.

## Genus **AMAZILIA**, *Reichenb.*

### Amazilia tzacatl (*La Llave*).

Amazilia riefferi, *Gould, Mon. Troch.* v. pl. 311 (1860); *Scl. & Salv. P. Z. S.* 1879, p. 530; *Salv. Cat. Birds B. M.* xvi. p. 216 (1892); *id. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 300 (1892).
Amazilia tzacatl, *Sharpe, Hand-l.* ii. p. 108 (1900).

Two eggs of Rieffer's Amazili measure respectively: ·53 by ·36; ·52 by ·35.

2. Antioquia, U.S. Colombia (*T. K. Salmon*). Salvin-Godman Coll.

### Amazilia guatemalensis (*Gould*).

Cyanomyia cyanocephala, *Salv. & Scl. Ibis,* 1860, p. 39.
Cyanomyia guatemalensis, *Salv. Cat. Birds B. M.* xvi. p. 198 (1892); *id. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 291 (1892).
Amazilia guatemalensis, *Sharpe, Hand-l.* ii. p. 109 (1900).

Two eggs of the Guatemala Amazili measure respectively: ·56 by ·37; ·57 by ·35.

2. Dueñas, Guatemala (*O. Salvin*). Salvin-Godman Coll.

## Genus **HYLOCHARIS**, *Boie.*

### Hylocharis leucotis (*Vieill.*).

Heliopædica melanotis, *Gould, Mon. Troch.* ii. pl. 64 (1858).
Basilinna leucotis, *Salv. Cat. Birds B. M.* xvi. p. 252 (1892); *id. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 312 (1892); *Bendire, Life-Hist. N. Amer. Birds,* ii. p. 227 (1895).
Hylocharis leucotis, *Sharpe, Hand-l.* ii. p. 110 (1900).

An egg of the White-eared Humming-bird measures ·49 by ·3.

1. Mazatlan, Mexico (*Tristram Coll.*). Crowley Bequest.

## Genus **CHLOROSTILBON**, *Gould*.

### **Chlorostilbon gibsoni** (*Fraser*).

Chlorostilbon angustipennis, *Gould, Mon. Troch.* v. pl. 353 (1861); *Scl. & Salv. P. Z. S.* 1879, p. 531; *Salv. Cat. Birds B. M.* xvi. p. 52 (1892); *Nehrk. Kat. Eiersamml.* p. 152 (1899).
Chlorostilbon gibsoni, *Sharpe, Hand-l.* ii. p. 112 (1900).

The eggs of the Colombian Emerald in the Collection measure respectively: ·45 by ·29; ·49 by ·29; ·52 by ·34.

| | | |
|---|---|---|
| 2. | Medellin, Antioquia, U.S. Colombia (*T. K. Salmon*). | Salvin-Godman Coll. |
| 1. | U.S. Colombia (*Nehrkorn Coll.*). | Crowley Bequest. |

### **Chlorostilbon stenura** (*Cab. & Heine*).

Panychlora stenura, *Sharpe in Gould's Mon. Troch., Suppl.* pl. 58 (1883); *Salv. Cat. Birds B. M.* xvi. p. 71 (1892); *Nehrk. Kat. Eiersamml.* p. 152 (1899).
Chlorostilbon stenura, *Sharpe, Hand-l.* ii. p. 114 (1900).

Four eggs of the Venezuela Emerald measure respectively: ·52 by ·38; ·51 by ·38; ·53 by ·34; ·49 by ·32.

| | | |
|---|---|---|
| 4. | Venezuela (*Gugenheimer*). | Crowley Bequest. |

## Genus **RICORDIA**, *Reichenb.*

### **Ricordia elegans** (*Vieill.*).

Sporadinus elegans, *Gould, Mon. Troch.* v. pl. 347 (1859); *Salv. Cat. Birds B. M.* xvi. p. 59 (1892).
Ricordia elegans, *Sharpe, Hand-l.* ii. p. 114 (1900).

An egg of the St. Domingo Humming-bird measures ·45 by ·3.

| | | |
|---|---|---|
| 1. | St. Domingo (*Tristram Coll.*). | Crowley Bequest. |

## Genus **THALURANIA**, *Gould*.

### **Thalurania glaucopis** (*Gm.*).

Thalurania glaucopis, *Gould, Mon. Troch.* ii. pl. 99 (1856); *Salv. Cat. Birds B. M.* xvi. p. 77 (1892); *Nehrk. Kat. Eiersamml.* p. 152 (1899); *von Ihering, Rev. Mus. Paulista,* iv. p. 252 (1900); *Sharpe, Hand-l.* ii. p. 115 (1900).

Four eggs of the Brazilian Wood-nymph measure respectively: ·5 by ·31; ·5 by ·32; ·49 by ·3; ·48 by ·31.

| | | |
|---|---|---|
| 2. | S.E. Brazil (*Tristram Coll.*). | Crowley Bequest. |
| 2. | S. Brazil. | W. Radcliffe Saunders, Esq. [P.]. |

### Thalurania colombica (*Bourc.*).

Thalurania columbica, *Gould, Mon. Troch.* ii. pl. 106 (1858); *Salv. Cat. Birds B. M.* xvi. p. 79 (1892).
Thalurania colombica, *Salv. & Godm. Biol. Centr.-Amer., Aves*, ii. p. 256 (1892); *Sharpe, Hand-l.* ii. p. 116 (1900).

The eggs of the Colombian Wood-nymph in the Collection are both imperfect, but their approximate dimensions are ·6 by ·37.

2. Bogotá (*Tristram Coll.*). Crowley Bequest.

### Thalurania furcata (*Gm.*).

Thalurania furcata, *Gould, Mon. Troch.* ii. pl. 101 (1858); *Salv. Cat. Birds B. M.* xvi. p. 84 (1892); *Sharpe, Hand-l.* ii. p. 116 (1900).

An egg of the Cayenne Wood-nymph measures ·5 by ·34.

1. Guiana. Crowley Bequest.

## Genus **PETASOPHORA**, *G. R. Gray.*

### Petasophora cyanonota (*Bourc. & Muls.*).

Petasophora cyanotus, *Gould, Mon. Troch.* iv. pl. 228 (1853).
Petasophora cyanotis, *Salv. Cat. Birds B. M.* xvi. p. 110 (1892); *Nehrk. Kat. Eiersamml.* p. 152 (1899).
Petasophora cyanonota, *Sharpe, Hand-l.* ii. p. 117 (1900).

Two eggs of the Little Violet-ear measure ·58 by ·38; ·56 by ·35.

1. United States, 3rd July. W. Radcliffe Saunders, Esq. [P.].
1. [South America.] Crowley Bequest.

### Petasophora iolata (*Gould*).

Petasophora iolata, *Gould, Mon. Troch.* iv. pl. 225 (1853); *Salv. Cat. Birds B. M.* xvi. p. 107 (1892); *Sharpe, Hand-l.* ii. p. 117 (1900).

The egg of the Bolivian Violet-ear in the Collection is imperfect, but appears to have measured about ·62 by ·38.

1. Venezuela (*Gugenheimer*). Crowley Bequest.

## Genus **LAMPORNIS**, *Swains.*

### Lampornis mango (*Linn.*).

Lampornis mango, *Gosse, Birds Jamaica*, p. 88 (1847); *Salv. Cat. Birds B. M.* xvi. p. 91 (1892); *Nehrk. Kat. Eiersamml.* p. 152 (1899); *Sharpe, Hand-l.* ii. p. 118 (1900).
Lampornis porphyrurus, *Gould, Mon. Troch.* ii. pl. 81 (1858).

The eggs of the Porphyry-tailed Humming-bird in the Collection measure respectively: ·62 by ·4; ·59 by ·39; ·6 by ·4.

| | |
|---|---|
| 2. Kingston, Jamaica, May (*C. B. Taylor*). | Crowley Bequest. |
| 1. [Jamaica.] | Crowley Bequest. |

### Lampornis dominicus (*Linn.*).

Lampornis aurulentus, *Gould, Mon. Troch.* ii. pl. 79 (1858).
Lampornis dominicus, *Salv. Cat. Birds B. M.* xvi. p. 96 (1892); *Sharpe, Hand-l.* ii. p. 119 (1900).

Two eggs of the Haitian Humming-bird measure respectively: ·51 by ·32; ·51 by ·34.

| | |
|---|---|
| 2. St. Domingo (*Tristram Coll.*). | Crowley Bequest. |

## Genus **CHRYSOLAMPIS**, *Boie.*

### Chrysolampis mosquitus (*Linn.*).

Chrysolampis moschitus, *Gould, Mon. Troch.* iv. p. 204 (1856); *Salv. Cat. Birds B. M.* xvi. p. 113 (1892); *Lodge, Ibis,* 1896, p. 514; *von Ihering, Rev. Mus. Paulista,* iv. p. 253 (1900).
Chrysolampis mosquitus, *Sharpe, Hand-l.* ii. p. 119 (1900).

An egg of the Ruby-and-Topaz Humming-bird measures ·51 by ·35.

| | |
|---|---|
| 1. South America (*Dr. Kutter*). | Crowley Bequest. |

## Genus **SERICOTES**, *Reichenb.*

### Sericotes holosericeus (*Linn.*).

Eulampis holosericeus, *Gould, Mon. Troch.* ii. pl. 83 (1857); *Salv. Cat. Birds B. M.* xvi. p. 104 (1892); *Nehrk. Kat. Eiersamml.* p. 152 (1899).
Eulampis chlorolæmus, *A. & E. Newton, Ibis,* 1859, p. 138.
Sericotes holosericeus, *Sharpe, Hand-l.* ii. p. 120 (1900).

The eggs of the Green-breasted Humming-bird in the Collection measure respectively: ·59 by ·37; ·56 by ·38.

| | |
|---|---|
| 2. St. Croix, W. Indies (*A. & E. Newton: Tristram Coll.*). | Crowley Bequest. |

## Genus **LEUCOCHLORIS**, *Reichenb.*

### Leucochloris albicollis (*Vieill.*).

Leucochloris albicollis, *Gould, Mon. Troch.* v. pl. 291 (1855); *Scl. & Huds. Argent. Orn.* ii. p. 7 (1889); *Salv. Cat. Birds B. M.* xvi. p. 178 (1892); *Nehrk. Kat. Eiersamml.* p. 152 (1899); *von Ihering, Rev. Mus. Paulista,* iv. p. 253 (1900); *Sharpe, Hand-l.* ii. p. 120 (1900).

Two eggs of the White-throated Humming-bird measure respectively: ·62 by ·36; ·63 by ·38.

2. Iguapé, Brazil, 3rd Oct. Crowley Bequest.

## Genus **AITHURUS,** *Cab. & Heine.*

### **Aithurus polytmus** (*Linn.*).

Trochilus polytmus, *Gosse, Birds Jamaica,* p. 97 (1847); *Gould, Mon. Troch.* ii. pl. 98 (1857).
Aithurus polytmus, *Salv. Cat. Birds B. M.* xvi. p. 64 (1892); *Nehrk. Kat. Eiersamml.* p. 152 (1899); *Sharpe, Hand-l.* ii. p. 120 (1900).

The eggs of the Black-capped Humming-bird in the Collection measure respectively: ·51 by ·36; ·54 by ·32.

1. [Jamaica.] Crowley Bequest.
1. St. Thomas, Jamaica, 2nd July (*C. B. Taylor*). Crowley Bequest.

## Genus **OREOTROCHILUS,** *Gould.*

### **Oreotrochilus leucopleurus,** *Gould.*

Oreotrochilus leucopleurus, *Gould, Mon. Troch.* ii. pl. 71 (1849); *Scl. & Huds. Argent. Orn.* ii. p. 1 (1889); *Salv. Cat. Birds B. M.* xvi. p. 336 (1892); *Sharpe, Hand-l.* ii. p. 121 (1900).

An egg of the White-sided Hill-Star measures ·66 by ·39.

1. Puenta del Inca, Andes of Chile (*P. H. Gosse, Junior*). E. A. Fitzgerald, Esq. [P.].

## Genus **OREOPYRA,** *Gould.*

### **Oreopyra leucaspis,** *Gould.*

Oreopyra leucaspis, *Gould, Mon. Troch.* iv. pl. 264 (1861); *Salv. Cat. Birds B. M.* xvi. p. 306 (1892); *id. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 332 (1892); *Nehrk. Kat. Eiersamml.* p. 153 (1899); *Sharpe, Hand-l.* ii. p. 123 (1900).

The eggs of the White-throated Oreopyra in the Collection measure respectively: ·57 by ·38; ·53 by ·35.

2. Chiriqui, Panama (*Nehrkorn Coll.*). Crowley Bequest.

### **Oreopyra calolæma,** *Salvin.*

Oreopyra calolæma, *Sharpe in Gould's Mon. Troch., Suppl.* pl. 6 (1885); *Salv. Cat. Birds B. M.* xvi. p. 307 (1892); *id. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 333 (1892); *Sharpe, Hand-l.* ii. p. 123 (1900).

Two eggs of the Purple-throated Oreopyra measure respectively: ·58 by ·4; ·6 by ·4.

2. Azahar de Cartago, Costa Rica, 28th Dec. (*C. F. Underwood*). Crowley Bequest.

## Genus **HELIANTHEA**, *Gould.*

### Helianthea torquata (*Boiss.*).

Bourcieria torquata, *Gould, Mon. Troch.* iv. pl. 251 (1854); *Scl. & Salv. P. Z. S.* 1879, p. 530; *Salv. Cat. Birds B. M.* xvi. p. 130 (1892).
Helianthea torquata, *Sharpe, Hand-l.* ii. p. 126 (1900).

The eggs of the Collared Inca in the Collection measure respectively: ·64 by ·4; ·61 by ·38; ·66 by ·39.

| | | |
|---|---|---|
| 2. | Sta. Elena, Antioquia, U.S. Colombia (*T. K. Salmon*). | Salvin-Godman Coll. |
| 1. | [S. America.] | Crowley Bequest. |

## Genus **PTEROPHANES**, *Gould.*

### Pterophanes temmincki (*Boiss.*).

Pterophanes temmincki, *Gould, Mon. Troch.* iii. pl. 178 (1849); *Whitely, P. Z. S.* 1873, p. 190; *Salv. Cat. Birds B. M.* xvi. p. 118 (1892); *Sharpe, Hand-l.* ii. p. 127 (1900).

An egg of Temminck's Sapphire-wing measures ·78 by ·5.

| | | |
|---|---|---|
| 1. | Cachupata, Peru [*H. Whitely*]. | Crowley Bequest. |

## Genus **ERIOCNEMIS**, *Reichenb.*

### Eriocnemis cupreiventris (*Fraser*).

Eriocnemis cupreiventris, *Gould, Mon. Troch.* iv. pl. 270 (1853); *Salv. Cat. Birds B. M.* xvi. p. 367 (1892); *Sharpe, Hand-l.* ii. p. 129 (1900).

The egg of the Coppery-bellied Puff-leg in the Collection is imperfect, but measures approximately ·62 by ·4.

| | | |
|---|---|---|
| 1. | Bogotá (*Tristram Coll.*). | Crowley Bequest. |

### Eriocnemis lugens (*Gould*).

Eriocnemis lugens, *Gould, Mon. Troch.* iv. pl. 282 (1854); *Scl. & Salv. P. Z. S.* 1879, p. 530; *Salv. Cat. Birds B. M.* xvi. p. 371 (1892); *Sharpe, Hand-l.* ii. p. 129 (1900).

Two eggs of the Hoary Puff-leg measure respectively: ·54 by ·35; ·55 by ·35.

| | | |
|---|---|---|
| 2. | Antioquia, U.S. Colombia (*T. K. Salmon*). | Salvin-Godman Coll. |

## Genus **ADELOMYIA**, *Bp.*

### **Adelomyia melanogenys** (*Fraser*).

Adelomyia maculata, *Gould, Mon. Troch.* iii. pl. 199 (1861).
Adelomyia melanogenys, *Salv. Cat. Birds B. M.* xvi. p. 169 (1892); *Sharpe, Hand-l.* ii. p. 131 (1900).

An egg of the Spotted Humming-bird in the Collection is imperfect, but measures approximately ·5 by ·3.

| | | |
|---|---|---|
| 1. | [S. America.] | Crowley Bequest. |

## Genus **HELIANGELUS**, *Gould.*

### **Heliangelus clarissæ** (*Longuem.*).

Heliangelus clarissæ, *Gould, Mon. Troch.* iv. pl. 242 (1855); *Salv. Cat. Birds B. M.* xvi. p. 160 (1892); *Sharpe, Hand-l.* ii. p. 131 (1900).

Two eggs of the Sun-Angel measure respectively: ·55 by ·39; ·56 by ·37.

| | | |
|---|---|---|
| 1. | U.S. Colombia. | Crowley Bequest. |
| 1. | Bogotá (*Tristram Coll.*). | Crowley Bequest. |

### **Heliangelus exortis** (*Fraser*).

Heliotrypha parzudakii, *Gould, Mon. Troch.* iv. pl. 240 (1860); *Scl. & Salv. P. Z. S.* 1879, p. 529.
Heliotrypha exortis, *Salv. Cat. Birds B. M.* xvi. p. 165 (1892).
Heliangelus exortis, *Sharpe, Hand-l.* ii. p. 131 (1900).

Two eggs of Parzudaki's Star-frontlet measure respectively: ·55 by ·34; ·56 by ·35.

| | | |
|---|---|---|
| 2. | Sta. Elena, Antioquia, U.S. Colombia (*T. K. Salmon*). | Salvin-Godman Coll. |

## Genus **METALLURA**, *Gould.*

### **Metallura tyrianthina** (*Lodd.*).

Metallura tyrianthina, *Gould, Mon. Troch.* iii. pl. 195 (1859); *Salv. Cat. Birds B. M.* xvi. p. 152 (1892); *Sharpe, Hand-l.* ii. p. 133 (1900).

An egg of the Tyrian-tail measures ·5 by ·33.

| | | |
|---|---|---|
| 1. | Bogotá (*Tristram Coll.*). | Crowley Bequest. |

### **Metallura smaragdinicollis** (*d'Orb. & Lafr.*).

Metallura smaragdinicollis, *Gould, Mon. Troch.* iii. pl. 196 (1859); *Salv. Cat. Birds B. M.* xvi. p. 154 (1892); *Sharpe, Hand-l.* ii. p. 133 (1900).

An egg of the Violet-tail measures ·5 by ·33.

| | | |
|---|---|---|
| 1. | [Peru.] | Crowley Bequest. |

## Genus **OXYPOGON**, *Gould.*

### **Oxypogon guerini** (*Boiss.*).

Oxypogon guerini, *Gould, Mon. Troch.* iii. pl. 182 (1849); *Salv. Cat. Birds B. M.* xvi. p. 340 (1892); *Sharpe, Hand-l.* ii. p. 133 (1900).

An egg of Guérin's Helmet-crest measures ·59 by ·4.

| | | |
|---|---|---|
| 1. | Bogotá (*Tristram Coll.*). | Crowley Bequest. |

## Genus **EUSTEPHANUS**, *Reichenb.*

### **Eustephanus galeritus** (*Molina*).

Eustephanus galeritus, *Gould, Mon. Troch.* iv. pl. 265 (1852); *Salv. Cat. Birds B. M.* xvi. p. 156 (1892); *James, New List Chilian Birds*, p. 5 (1892); *Sharpe, Hand-l.* ii. p. 135 (1900).

Four eggs of the Chilian Fire-crown measure respectively: ·61 by ·41; ·59 by ·4; ·59 by ·37; ·59 by ·38.

| | | |
|---|---|---|
| 2. | Central Chile, Oct. | Berkeley James Coll. |
| 2. | Central Chile (*Landbeck*). | Berkeley James Coll. |

## Genus **PSALIDOPRYMNA**, *Cab. & Heine.*

### **Psalidoprymna gouldi** (*Lodd.*).

Lesbia gouldi, *Gould, Mon. Troch.* iii. pl. 167 (1856); *Salv. Cat. Birds B. M.* xvi. p. 149 (1892).
Psalidoprymna gouldi, *Sharpe, Hand-l.* ii. p. 136 (1900).

The eggs of the Bogotá Train-bearer in the Collection measure respectively: ·55 by ·38; ·55 by ·39.

| | | |
|---|---|---|
| 2. | Bogotá (*Tristram Coll.*). | Crowley Bequest. |

## Genus **DORICHA**, *Reichenb.*

### **Doricha henicura** (*Vieill.*).

Thaumastura enicura, *Gould, Mon. Troch.* iii. pl. 157 (1859); *Salvin, Ibis*, 1860, p. 264.

Doricha enicura, *Salv. Cat. Birds B. M.* xvi. p. 381 (1892); *id. & Godm. Biol. Centr.-Amer., Aves*, ii. p. 345 (1892).
Doricha henicura, *Sharpe, Hand-l.* ii. p. 140 (1900).

Two eggs of the Slender Shear-tail measure respectively: ·48 by ·3; ·51 by ·3.

| | | |
|---|---|---|
| 2. | Dueñas, Guatemala (*O. Salvin*). | Salvin-Godman Coll. |

## Genus **TROCHILUS**, *Linn.*

### **Trochilus colubris**, *Linn.*

Trochilus colubris, *Gould, Mon. Troch.* iii. pl. 131 (1858); *Baird, Brewer & Ridgw. N. Amer. Birds*, ii. p. 448 (1874); *Salv. Cat. Birds B. M.* xvi. p. 399 (1892); *id. & Godm. Biol. Centr.-Amer., Aves*, ii. p. 357 (1892); *Bendire, Life-Hist. N. Amer. Birds*, ii. p. 192, pl. i. fig. 27 (1895); *Sharpe, Hand-l.* ii. p. 140 (1900).

The eggs of the Ruby-throated Humming-bird measure from ·48 to ·53 in length, and from ·32 to ·34 in breadth.

| | | |
|---|---|---|
| 2. | North America. | Salvin-Godman Coll. |
| 3. | North America. | Crowley Bequest. |

### **Trochilus alexandri** (*Bourc. & Muls.*).

Trochilus alexandri, *Gould, Mon. Troch.* iii. pl. 132 (1857); *Salv. Cat. Birds B. M.* xvi. p. 402 (1892); *id. & Godm. Biol. Centr.-Amer., Aves*, ii. p. 359 (1892); *Bendire, Life-Hist. N. Amer. Birds*, ii. p. 198 (1895); *Sharpe, Hand-l.* ii. p. 140 (1900).

The eggs of the Purple-throated Humming-bird in the Collection measure ·5 by ·35; ·51 by ·34; ·53 by ·38; ·54 by ·35.

| | | |
|---|---|---|
| 1. | North America. | Crowley Bequest. |
| 1. | North America. | W. Radcliffe Saunders, Esq. [P.]. |
| 2. | California, 10th May. | W. Radcliffe Saunders, Esq. [P.]. |

### **Trochilus anna** (*Less.*).

Calypte annæ, *Gould, Mon. Troch.* iii. p. 135 (1856); *Salv. Cat. Birds B. M.* xvi. p. 403 (1892).
Calypte anna, *Bendire, Life-Hist. N. Amer. Birds*, ii. p. 206 (1895).
Trochilus anna, *Sharpe, Hand-l.* ii. p. 140 (1900).

The eggs of Anna's Calypte in the Collection measure respectively: ·53 by ·35; ·56 by ·34; ·53 by ·33; ·5 by ·36; ·51 by ·33; ·51 by ·32; ·52 by ·31.

| | | |
|---|---|---|
| 1. | California. | Crowley Bequest. |
| 2. | [California (*Tristram Coll.*).] | Crowley Bequest. |
| 4. | California, 10th May. | W. Radcliffe Saunders, Esq. [P.]. |

## Genus SELASPHORUS, *Swains.*

### Selasphorus rufus (*Gm.*).

Selasphorus rufus, *Gould, Mon. Troch.* iii. pl. 137 (1852); *Salv. Cat. Birds B. M.* xvi. p. 392 (1892); *id. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 353 (1892); *Bendire, Life-Hist. N. Amer. Birds,* ii. p. 213 (1895); *Sharpe, Hand-l.* ii. p. 140 (1900).

An egg of the Rufous Flame-bearer measures ·51 by ·35.

| | | |
|---|---|---|
| 1. | North America. | Crowley Bequest. |

### Selasphorus torridus, *Salvin.*

Selasphorus torridus, *Sharpe in Gould's Mon. Troch., Suppl.* (1887); *Salv. Cat. Birds B. M.* xvi. p. 395 (1892); *id. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 354 (1892); *Sharpe, Hand-l.* ii. p. 141 (1900).

An egg of the Torrid Flame-bearer in the Collection measures ·48 by ·32.

| | | |
|---|---|---|
| 2. | Irazu, Costa Rica, 20th Feb. (*C. F. Underwood*). | Crowley Bequest. |

### Selasphorus scintilla (*Gould*).

Selasphorus scintilla, *Gould, Mon. Troch.* iii. pl. 138 (1852); *Salv. Cat. Birds B. M.* xvi. p. 395 (1892); *id. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 353 (1892); *Sharpe, Hand-l.* ii. p. 141 (1900).

An egg of the Little Flame-bearer measures ·43 by ·3.

| | | |
|---|---|---|
| 1. | Azahar de Cartago, Costa Rica, 28th Dec. (*C. F. Underwood*). | Crowley Bequest. |

## Genus CHÆTOCERCUS, *Gray.*

### Chætocercus rosæ (*Bourc. & Muls.*).

Calothorax rosæ, *Gould, Mon. Troch.* iii. pl. 149 (1857).
Chætocercus rosæ, *Salv. Cat. Birds B. M.* xvi. p. 414 (1892); *Sharpe, Hand-l.* ii. p. 141 (1900).

The egg of the Crimson-throated Wood-star in the Collection measures ·49 by ·3.

| | | |
|---|---|---|
| 2. | Venezuela (*Gugenheimer*). | Crowley Bequest. |

## Genus BELLONA, *Muls. & Verr.*

### Bellona cristata (*Linn.*).

Orthorhynchus cristatus, *Gould, Mon. Troch.* iv. pl. 205 (1857).
Bellona cristata, *Salv. Cat. Birds B. M.* xvi. p. 353 (1892); *Sharpe, Hand-l.* ii. p. 142 (1900).

The measurements of four eggs of the Blue-crest average ·48 by ·33.

| | | |
|---|---|---|
| 4. | Grenada, W. Indies (*J. G. Bell*). | Crowley Bequest. |

### **Bellona ornata** (*Gould*).

Orthorhynchus ornatus, *Gould, Mon. Troch.* iv. pl. 206 (1861).
Bellona ornata, *Salv. Cat. Birds B. M.* xvi. p. 354 (1892); *Sharpe, Hand-l.* ii. p. 142 (1900).

The eggs of the Green-and-Blue-crest in the Collection measure respectively: ·47 by 3; ·45 by ·3.

| | | |
|---|---|---|
| 2. | St. Vincent, W. Indies, April (*Mrs. H. H. Smith*). | Salvin-Godman Coll. |

### Genus **STEPHANOXYS**, *Simon.*

### **Stephanoxys lalandei** (*Vieill.*).

Cephalepis delalandi, *Gould, Mon. Troch.* iv. pl. 208 (1861).
Cephalolepis delalandi, *Salv. Cat. Birds B. M.* xvi. p. 356 (1892).
Stephanoxys lalandei, *Sharpe, Hand-l.* ii. p. 142 (1900).

An egg of Delalande's Plover-crest measures ·53 by ·32.

| | | |
|---|---|---|
| 1. | [Brazil.] | Crowley Bequest. |

## Sub-Order *COLII.*

## Family COLIIDÆ.

The eggs of the Colies are typically of a regular oval shape, the shell being somewhat rough to the touch and quite devoid of all gloss.

### Genus **COLIUS**, *Briss.*

### **Colius striatus**, *Gm.*

Colius striatus, *Gurney, Ibis,* 1860, p. 213; 1864, p. 359; *Sharpe, ed. Layard's Birds S. Africa,* p. 555 (1875–84); *Sharpe, Cat. Birds B. M.* xvii. p. 339 (1892); *Nehrk. Kat. Eiersamml.* p. 162 (1899); *Sharpe, Hand-l.* ii. p. 145 (1900).

The eggs of the South-African Coly vary from plain white to pale yellowish-white in colour. They measure from ·77 to ·92 in length, and from ·63 to ·68 in breadth.

| | | |
|---|---|---|
| 4. | S. Africa. | Crowley Bequest. |
| 3. | Natal. | T. Ayres, Esq. [C.]. |
| 3. | Natal (*T. Ayres*). | Salvin-Godman Coll. |
| 2. | Cape Colony. | E. L. Layard, Esq. [P.]. |

### Colius leucotis, *Rüpp.*

Colius leucotis, *Heugl. Orn. N.O.-Afr.* i. p. 710 (1870, pt.); *Sharpe, Cat. Birds B. M.* xvii. p. 341 (1892); *id. Hand-l.* ii. p. 145 (1900).

The eggs of the White-eared Coly very closely resemble those of *C. striatus.* The measurements of four eggs in the Collection vary from ·82 to ·88 in length, and from ·62 to ·69 in breadth.

| | | |
|---|---|---|
| 4. | Harrar, S. Abyssinia. | M. P. Zaphiro [C.]. |

### Colius colius (*Linn.*).

Colius capensis, *Anderss. Birds Dam.-land,* p. 202 (1872); *Sharpe, ed. Layard's Birds S. Africa,* p. 552 (1875–84).
Colius colius, *Sharpe, Cat. Birds B. M.* xvii. p. 343 (1892); *Nehrk. Kat. Eiersamml.* p. 162 (1899); *Sharpe, Hand-l.* ii. p. 146 (1900).

The eggs of the White-backed Coly are not separable from those of *C. striatus.* They measure from ·8 to ·9 in length, and from ·61 to ·67 in breadth.

| | | |
|---|---|---|
| 1. | S. Africa (*E. L. Layard*). | Crowley Bequest. |
| 4. | Cape Colony. | E. L. Layard, Esq. [P.]. |
| 2. | Damara-land (*C. J. Andersson: Tristram Coll.*). | Crowley Bequest. |
| 2. | Laid in confinement (Zool. Gardens, London). | Zool. Society. |

### Colius erythromelon (*Vieill.*).

Colius erythromelon, *Sharpe, ed. Layard's Birds S. Africa,* p. 551 (1875–84); *id. Cat. Birds B. M.* xvii. p. 344 (1892); *Nehrk. Kat. Eiersamml.* p. 162 (1899); *Sharpe, Hand-l.* ii. p. 146 (1900).

The eggs of the Quiriva Coly resemble those of *C. striatus* and *C. colius.* Three examples measure respectively: ·82 by ·65; ·81 by ·6; ·82 by ·62.

| | | |
|---|---|---|
| 1. | Cape of Good Hope (*E. L. Layard: Tristram Coll.*). | Crowley Bequest. |
| 2. | Cape Colony (*T. Atmore: Tristram Coll.*). | Crowley Bequest. |

### Colius macrurus (*Linn.*).

Colius macrurus, *Sharpe, Cat. Birds B. M.* xvii. p. 345 (1892); *id. Hand-l.* ii. p. 146 (1900).

Two eggs of the Long-tailed Coly in the Collection are of a dull white colour, sparingly marked with small blotches of chocolate-brown. One example measures ·8 by ·57.

| | | |
|---|---|---|
| 2. | Khartum, Sudan, 28th May. | R. McD. Hawker, Esq. [P.]. |

# Order TROGONES.

## Family TROGONIDÆ.

The eggs of the Trogons are always plain, some being white or cream-coloured and others of a bluish-green colour.

### Genus **PHAROMACRUS**, *De La Llave.*

The Trogons of this genus lay bluish-green eggs of a spheroidal shape and exhibiting a slight gloss.

#### **Pharomacrus mocinno**, *De La Llave.*

Pharomacrus paradiseus, *Owen, Ibis,* 1861, p. 66, pl. ii. fig. 1.
Pharomacrus mocinno, *Grant, Cat. Birds B. M.* xvii. p. 431 (1892); *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 481 (1896); *Nehrk. Kat. Eiersamml.* p. 163, pl. iv. fig. 46 (1899); *Sharpe, Hand-l.* ii. p. 146 (1900).

Two eggs of the Resplendent Trogon, or Quezal, measure respectively: 1·38 by 1·13; 1·4 by 1·15.

| | | |
|---|---|---|
| 2. | Chilasco, Vera Paz, Guatemala, 11th June (*R. Owen*). | Salvin-Godman Coll. |

#### **Pharomacrus auriceps** (*Gould*).

(Plate II. fig. 11.)

Pharomacrus auriceps, *Scl. & Salv. P. Z. S.* 1879, p. 535; *Grant, Cat. Birds B. M.* xvii. p. 434 (1892); *Sharpe, Hand-l.* ii. p. 146 (1900).

An egg of the Golden-headed Trogon measures 1·46 by 1·14.

| | | |
|---|---|---|
| 1. | Frontino, Antioquia, U.S. Colombia (*T. K. Salmon*). | Salvin-Godman Coll. |

### Genus **TROGON**, *Linn.*

The eggs of the Trogons of this genus are typically of a broad oval form, and exhibit a considerable amount of gloss.

#### **Trogon mexicanus**, *Swains.*

Trogon mexicanus, *Grant, Cat. Birds B. M.* xvii. p. 444 (1892); *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 487 (1896); *Sharpe, Hand-l.* ii. p. 147 (1900).

The eggs of the Mexican Trogon in the Collection are those described by Salvin (*Biol. l. c.*) as being of a very pale greenish colour, but they have now faded to white. They measure respectively: 1·2 by 93; 1·19 by ·92; 1·15 by ·93.

3. Chuacus, Guatemala, June (*O. Salvin*). Salvin-Godman Coll.

### Trogon collaris, *Vieill.*

Trogon collaris, *Scl. & Salv. P. Z. S.* 1879, p. 534; *Grant, Cat. Birds B. M.* xvii. p. 448 (1892); *Nehrk. Kat. Eiersamml.* p. 163 (1899); *Sharpe, Hand-l.* ii. p. 147 (1900).

Two eggs of the Collared Trogon are white, and measure respectively: 1·14 by ·88; 1·09 by ·9.

2. Sta. Elena, Antioquia, U.S. Colombia (*T. K. Salmon*). Salvin-Godman Coll.

### Trogon ambiguus, *Gould.*

Trogon ambiguus, *Grant, Cat. Birds B. M.* xvii. p. 451 (1892); *Bendire, Life-Hist. N. Amer. Birds*, ii. p. 32 (1895); *Salv. & Godman, Biol. Centr.-Amer., Aves,* ii. p. 490 (1896); *Sharpe, Hand-l.* ii. p. 148 (1900).

An egg of the Coppery-tailed Trogon in the Collection is white, of a broad elliptical shape, almost devoid of gloss. It measures 1·03 by ·82.

1. Mazatlan, Mexico (*A. Forrer*). Crowley Bequest.

### Trogon puellus, *Gould.*

Trogon puella, *Grant, Cat. Birds B. M.* xvii. p. 452 (1892); *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 491 (1896); *Nehrk. Kat. Eiersamml.* p. 163 (1899); *Sharpe, Hand-l.* ii. p. 148 (1900).

An egg of the Ray-tailed Trogon in the Collection is of a broad oval shape, glossy, and white. It measures 1·1 by ·85.

1. Guatemala (*Nehrkorn Coll.*). Crowley Bequest.

### Trogon chionurus, *Scl. & Salv.*

Trogon chionurus, *Scl. & Salv. P. Z. S.* 1879, p. 535; *Grant, Cat. Birds B. M.* xvii. p. 460 (1892); *Salv. & Godm. Biol., Centr.-Amer., Aves,* ii. p. 495 (1896); *Sharpe, Hand-l.* ii. p. 148 (1900).

An egg of the Snowy-tailed Trogon in the Collection is white, and measures 1·1 by ·94.

1. Remedios, Antioquia, U.S. Colombia (*T. K. Salmon*). Salvin-Godman Coll.

### **Trogon melanocephalus**, *Gould.*

Trogon melanocephalus, *Grant, Cat. Birds B. M.* xvii. p. 462 (1892); *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 498 (1896); *Nehrk. Kat. Eiersamml.* p. 164 (1899); *Sharpe, Hand-l.* ii. p. 148 (1900).

The eggs of the Black-headed Trogon are white and fairly glossy. They measure from 1·1 to 1·18 in length, and from ·9 to ·95 in breadth.

| | | |
|---|---|---|
| 2. | British Honduras, 26th May (*F. Blancaneaux*). | Salvin-Godman Coll. |
| 4. | British Honduras, 2nd June (*F. B.*). | Salvin-Godman Coll. |

### **Trogon caligatus**, *Gould.*

Trogon caligatus, *Grant, Cat. Birds B. M.* xvii. p. 465 (1892); *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 500 (1896); *Nehrk. Kat. Eiersamml.* p. 164 (1899); *Sharpe, Hand-l.* ii. p. 148 (1900).

An egg of the Gartered Trogon in the Collection is white, of a blunt oval form, glossy. It measures 1·14 by ·89.

| | | |
|---|---|---|
| 1. | Honduras, 4th Aug. | Crowley Bequest. |

## Genus **PYROTROGON**, *Bp.*

### **Pyrotrogon fasciatus** (*Penn.*).

Harpactes fasciatus, *Legge, Birds Ceylon,* p. 269 (1878); *Oates ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 340 (1890); *Grant, Cat. Birds B. M.* xvii. p. 485 (1892); *Blanf. Fauna Brit. Ind., Birds,* iii. p. 199 (1895).
Pyrotrogon fasciatus, *Sharpe, Hand-l.* ii. p. 150 (1900).

The eggs of the Malabar Trogon in the Collection are spheroidal in shape, glossy, and of a very pale creamy-white. They measure respectively 1·1, 1·09, and 1·06 in length, by ·95 in breadth.

| | | |
|---|---|---|
| 3. | Kaken Cotta, Mysore, 26th April (*Iver Macpherson*). | Hume Coll. |

### **Pyrotrogon erythrocephalus** (*Gould*).

Harpactes erythrocephalus, *Oates ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 339 (1890); *Grant, Cat. Birds B. M.* xvii. p. 488 (1892); *Blanf. Fauna Brit. Ind., Birds,* iii. p. 200 (1895).
Pyrotrogon erythrocephalus, *Sharpe, Hand-l.* ii. p. 151 (1900).

The eggs of the Red-headed Trogon are spheroidal in shape and very glossy. They vary from creamy white to rich cream-colour. They measure from 1·05 to 1·1 in length, and from ·88 to 1 in breadth.

| | | |
|---|---|---|
| 1. | [Sikhim.] | Crowley Bequest. |
| 4. | Mongphoo, Darjiling, 19th May (*J. Gammie*). | Hume Coll. |

| | | |
|---|---|---|
| 1. | Valley of the Teesta, 15th July (*L. Mandelli*). | Hume Coll. |
| 1. | Pegu, 8th May (*E. W. Oates*). | Seebohm Coll. |
| 1. | Thoungyin River, Tenasserim, 11th March (*C. T. Bingham*). | Hume Coll. |
| 1. | Thoungyin River, 9th March (*C. T. B.*). | Crowley Bequest. |

### **Pyrotrogon orescius** (*Temm.*).

(Plate II. fig. 1.)

Harpactes oreskios, *Oates ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 342 (1890); *Grant, Cat. Birds B. M.* xvii. p. 494 (1892).
Harpactes orescius, *Blanf. Fauna Brit. Ind., Birds,* iii. p. 202 (1895).
Pyrotrogon orescius, *Sharpe, Hand-l.* ii. p. 151 (1900).

The eggs of the Yellow-breasted Trogon are glossy, and vary in shape from pointed oval to spheroidal. They are of a deep cream-colour, and measure from ·92 to 1·18 in length, and from ·79 to ·87 in breadth.

| | | |
|---|---|---|
| 2. | Meetan, Tenasserim, 11th Feb. (*W. Davison*). | Hume Coll. |
| 6. | Meetan, 12th Feb. (*W. D.*). | Hume Coll. |
| 2. | Thoungyin River, Tenasserim, 22nd Feb. (*C. T. Bingham*). | Hume Coll. |
| 2. | Thoungyin River, 27th Feb. (*C. T. B.*). | Hume Coll. |
| 1. | Thoungyin River, 8th March (*C. T. B.*). | Hume Coll. |
| 3. | Thoungyin River, 2nd April (*C. T. B.*). | Hume Coll. |
| 1. | Thoungyin River, 13th April (*C. T. B.*). | Seebohm Coll. |
| 1. | Meplay River, Tenasserim, 19th Feb. (*C. T. B.*). | Hume Coll. |
| 2. | Meplay River, 21st Feb. (*C. T. B.*). | Hume Coll. |
| 1. | Meplay River, 12th March (*C. T. B.*). | Hume Coll. |
| 2. | Meplay River, 15th March (*C. T. B.*). | Hume Coll. |
| 1. | Meplay River, 16th March (*C. T. B.*). | Hume Coll. |
| 2. | Meplay River, 24th March (*C. T. B.*). | Hume Coll. |
| 1. | Meplay River, 1st April (*C. T. B.*). | Hume Coll. |
| 4. | Meplay River, 4th April (*C. T. B.*). | Hume Coll. |
| 1. | Meplay River, 19th April (*C. T. B.*). | Hume Coll. |
| 3. | Meplay River, 26th April (*C. T. B.*). | Hume Coll. |
| 1. | Sinzaway Forest, Tenasserim, 11th March (*C. T. B.*). | Hume Coll. |
| 2. | Sinzaway Forest, 19th March (*C. T. B.*). | Hume Coll. |
| 2. | Tongdee, Tenasserim, 21st Feb. (*C. T. B.*). | Hume Coll. |

# Order COCCYGES.

## Sub-Order *MUSOPHAGI.*

## Family MUSOPHAGIDÆ.

### Genus **TURACUS**, *Cuv.*

### **Turacus erythrolophus** (*Vieill.*).

Corythaix paulina, *Monteiro, Ibis,* 1862, p. 338.
Corythaix erythrolophus, *Sharpe, ed. Layard's Birds S. Africa,* p. 144 (1875–84).
Turacus erythrolophus, *Shelley, Cat. Birds B. M.* xix. p. 444 (1891).

An egg of the Red-crested Plantain-eater is of a broad elliptical shape, plain white, and devoid of gloss. It measures 1·55 by 1·27.

| | | |
|---|---|---|
| 1. | Angola, W. Africa. | J. J. Monteiro, Esq. [P.]. |

### Genus **SCHIZORHIS**, *Wagler.*

### **Schizorhis concolor** (*Smith*).

Schizorhis concolor, *Anderss. Birds Damara-land,* p. 204 (1872); *Shelley, Cat. Birds B. M.* xix. p. 453 (1891); *Sharpe, Hand-l.* ii. p. 154 (1900).

The eggs of the Grey Plantain-eater are of a broad elliptical shape, moderately glossy, and of a pale bluish-white colour. Two examples measure respectively: 1·7 by 1·33; 1·67 by 1·31.

| | | |
|---|---|---|
| 2. | Ondonga, Ovampo-land, March (*C. J. Andersson: Tristram Coll.*). | Crowley Bequest. |

### Genus **GYMNOSCHIZORHIS**, *Schalow.*

### **Gymnoschizorhis leopoldi** (*Shelley*).

Gymnoschizorhis leopoldi, *Shelley, Cat. Birds B. M.* xix. p. 456 (1891); *Nehrk. Kat. Eiersamml.* p. 174 (1899); *Sharpe, Hand-l.* ii. p. 154 (1900).

An egg of Leopold's Plantain-eater in the Collection is of a very broad oval shape, smooth, glossy, and of a plain white. It measures 1·64 by 1·25.

| | | |
|---|---|---|
| 1. | Kakoma, E. Africa. | Crowley Bequest. |

## Sub-Order *CUCULI.*

## Family CUCULIDÆ.

### Sub-Family CUCULINÆ.

### Genus **COCCYSTES**, *Gloger.*

### **Coccystes glandarius** (*Linn.*).

Oxylophus glandarius, *Baedeker, Eier Eur. Vög.* tab. 50. fig. 4 (1855–63); *Baedeker, L. Brehm & A. Brehm, J. f. O.* 1853, p. 117, taf. v. fig. 4; *Salvin, Ibis,* 1859, p. 316; *Saunders, Ibis,* 1869, p. 401; 1871, p. 66.
Cuculus glandarius, *Hewitson, Ibis,* 1859, p. 76, pl. ii. figs. 1 & 2; *Seebohm, Brit. Birds,* ii. p. 386, pl. 68 (1884); *id. Eggs of Brit. Birds,* p. 174, pl. 49. fig. 7 (1896).
Coccystes glandarius, *Dresser, Birds Eur.* v. p. 219 (1874); *Shelley, Cat. Birds B. M.* xix. p. 212 (1891); *Irby, Orn. Str. Gibr.* 2nd ed. p. 136 (1895); *Sharpe, Hand-l.* ii. p. 155 (1900); *Ivy, Ibis,* 1901, p. 22.

The eggs of the Great Spotted Cuckoo are almost invariably of an elliptical form, the two ends being quite alike in contour. The shell is smooth and possesses a considerable amount of gloss. The ground-colour is pale greenish blue, and this is thickly speckled and streaked with pale reddish brown and underlying violet-grey. On some specimens there are, in addition, some scrawls and hair-lines of deep brown, forming a wreath round the larger end. They measure from 1·23 to 1·4 in length, and from ·92 to 1·05 in breadth.

The eggs of this Cuckoo may be separated from those of the Magpie, in the nest of which it usually deposits its eggs, by their elliptical shape and reddish-brown markings, those of the Magpie being of a pointed oval shape and the markings olive-brown.

| | | |
|---|---|---|
| 1. | Spain (*H. Saunders*). | Seebohm Coll. |
| 3. | Aranjuez, Spain, 30th April (*H. S.*). | Seebohm Coll. |
| 1. | Aranjuez, 8th May (*H. S.*). | Seebohm Coll. |
| 1. | Seville, Spain, 6th April (*H. S.*). | Seebohm Coll. |
| 2. | Seville, 24th May. | Seebohm Coll. |
| 6. | Near Seville (*L. H. Irby*). | Seebohm Coll. |
| 6. | Malaga, Spain, 26th April. | Seebohm Coll. |
| 2. | New Castile, Spain, May (*Lord Lilford: Tristram Coll.*). | Crowley Bequest. |
| 1. | Algeria, 20th May (*H. B. Tristram*). | Crowley Bequest. |
| 1. | Batna, Algeria, 4th June (*H. B. T.*). | Crowley Bequest. |
| 1. | Madracen, Algeria, 5th June (*H. B. T.*). | Crowley Bequest. |
| 1. | Ain Djendeli, Algeria, 20th May (*O. Salvin*). | Salvin-Godman Coll. |
| 1. | Ain Djendeli, 25th May (*O. S.*). | Salvin-Godman Coll. |
| 2. | With two eggs of *Pica pica*, Andalusia, 1st May (*H. Saunders*). | Seebohm Coll. |

| | | |
|---|---|---|
| 2. | With four eggs of *P. pica*, Andalusia, 3rd May (*H. S.*). | Seebohm Coll. |
| 4. | With three eggs of *P. pica*, Aranjuez, Spain, 29th April (*H. S.*). | Seebohm Coll. |

### **Coccystes coromandus** (*Linn.*).

(Plate II. fig. 4.)

Coccystes coromandus, *Legge, Birds Ceylon*, p. 249 (1878); *Oates ed. Hume, Nests & Eggs Ind. Birds*, ii. p. 391 (1890); *Shelley, Cat. Birds B. M.* xix. p. 214 (1891); *Blanf. Fauna Brit. Ind., Birds*, iii. p. 226 (1895); *Nehrk. Kat. Eiersamml.* p. 170 (1899); *Sharpe, Hand-l.* ii. p. 155 (1900):

An egg of the Red-winged Crested Cuckoo, taken by Mr. Valentine Irwin from the oviduct of a female in Tippera, is spheroidal in shape, smooth, very glossy, and of a plain pale blue colour. It measures 1·03 by ·88.

| | | |
|---|---|---|
| 1. | Tippera (*V. Irwin*). | Hume Coll. |

### **Coccystes jacobinus** (*Bodd.*).

(Plate II. fig. 6.)

Coccystes jacobinus, *Sharpe, ed. Layard's Birds S. Africa*, p. 158 (1875–84); *Legge, Birds Ceylon*, p. 246 (1878); *Oates ed. Hume, Nests & Eggs Ind. Birds*, ii. p. 388 (1890); *Shelley, Cat. Birds B. M.* xix. p. 217 (1891); *Blanf. Fauna Brit. Ind., Birds*, iii. p. 225 (1895); *Nehrk. Kat. Eiersamml.* p. 170 (1899); *Sharpe, Hand-l.* ii. p. 155 (1900); *Ivy, Ibis*, 1901, p. 23.

The eggs of the Pied Crested Cuckoo are usually deposited in India in the nests of the various species of Babblers (*Argya* and *Crateropus*), the eggs of which birds they closely resemble in size and colour. The Cuckoo's eggs are of a spheroidal or broad elliptical shape, very smooth and glossy, and of a dark blue colour. The eggs of the Babblers are almost invariably of a pointed oval shape, and the Cuckoo's eggs may generally be separated from them by their shape. They measure from ·88 to 1·02 in length, and from ·72 to ·82 in breadth.

| | | |
|---|---|---|
| 1. | India. | W. Radcliffe Saunders, Esq. [P.]. |
| 1. | South Africa. | Old Collection. |
| 1. | Sind. | Crowley Bequest. |
| 1. | Futteghur. | Crowley Bequest. |
| 4. | Allahabad, India. | Hume Coll. |
| 1. | Allahabad, 28th July. | Hume Coll. |
| 1. | Jhansi, N.W. Provs., Aug. (*F. R. Blewitt*). | Hume Coll. |
| 1. | Jhansi, 28th June (*F. R. B.*). | Hume Coll. |
| 1. | Jhansi, 18th July. | Hume Coll. |
| 1. | Jubbulpur, 2nd July (*J. A. Kemp*). | Crowley Bequest. |
| 2. | Nilghiri Hills, 22nd Feb. | Hume Coll. |
| 1. | Aptoor, Madras, 18th Aug. (*A. G. R. Theobald*). | Hume Coll. |

### Coccystes cafer (*Licht.*).

Coccystes cafer, *Sharpe, ed. Layard's Birds S. Africa,* p. 158 (1875–84); *Shelley, Cat. Birds B. M.* xix. p. 221 (1891); *Sharpe, Hand-l.* ii. p. 156 (1900).

An egg of Levaillant's Cuckoo in the Collection is nearly elliptical in shape, and quite devoid of all gloss. It is of a pale greyish colour, very densely spotted and freckled all over with lavender and two shades of brown. It measures 1·09 by ·8.

| | | |
|---|---|---|
| 1. | Bissao, Senegambia (*Tristram Coll.*). | Crowley Bequest. |

## Genus **SURNICULUS**, *Less.*

### Surniculus lugubris (*Horsf.*).

Surniculus lugubris, *Shelley, Cat. Birds B. M.* xix. p. 227 (1891); *Blanf. Fauna Brit. Ind., Birds,* iii. p. 223 (1895); *Nehrk. Kat. Eiersamml.* p. 170 (1899); *Sharpe, Hand-l.* ii. p. 156 (1900).

The eggs of the Drongo Cuckoo are of a blunt oval shape and moderately glossy. They are of a pinkish-white colour, marked, chiefly in the form of a zone round the broad end, with pale lilac-brown and lavender. Two examples measure respectively: ·8 by ·59; ·79 by ·54.

| | | |
|---|---|---|
| 1. | Himalayas (*Nehrkorn Coll.*). | Crowley Bequest. |
| 1. | Java, 2nd May (with 2 eggs of *Pycnonotus aurigaster*). | Crowley Bequest. |

## Genus **HIEROCOCCYX**, *S. Müll.*

### Hierococcyx varius (*Vahl*).

(Plate II. fig. 7.)

Hierococcyx varius, *Legge, Birds Ceylon,* p. 240 (1878); *Oates ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 383 (1890); *Shelley, Cat. Birds B. M.* xix. p. 234 (1891); *Blanf. Fauna Brit. Ind., Birds,* iii. p. 213 (1895); *Nehrk. Kat. Eiersamml.* p. 170 (1899); *Sharpe, Hand-l.* ii. p. 157 (1900).

An egg of the Common Indian Hawk-Cuckoo found by Mr. Iver Macpherson in the nest of *Crateropus canorus* is of a broad elliptical form, smooth, highly glossy, and of a deep blue colour. It measures 1·12 by ·82. Nehrkorn describes the egg as being spotted.

| | | |
|---|---|---|
| 1. | Mysore, S. India, 26th May (*I. Macpherson*). | Hume Coll. |

### Hierococcyx fugax (*Horsf.*).

Hierococcyx fugax, *Sharpe, Ibis,* 1889, p. 202; 1890, p. 10; *Shelley, Cat. Birds B. M.* xix. p. 236, part. (1891); *Nehrk. Kat. Eiersamml.* p. 170 (1899); *Sharpe, Hand-l.* ii. p. 157 (1900).

An egg taken by Whitehead in Borneo, and attributed by him to Horsfield's Hawk-Cuckoo, is of a blunt oval form, moderately glossy, of a white colour, marked, chiefly in a zone round the broad end, with specks and spots of pale brown and lavender. It measures ·88 by ·65. Nehrkorn describes the egg of this species as being dark bluish green.

| | | |
|---|---|---|
| 1. | Mt. Kina Balu, Borneo, 29th April (*J. Whitehead*: with two eggs of *Culicicapa ceylonensis*). | Crowley Bequest. |

## Genus **CUCULUS**, *Linn.*

### **Cuculus canorus**, *Linn.*

Cuculus canorus, *Thien. Fortpflanz. ges. Vög.* p. 82, tab. xv. fig. 1, *a–e* (1845–54); *Baedeker, Eier Eur. Vög.* tab. 50. fig. 5 (1855–63); *Hewitson, Eggs of Brit. Birds*, i. p. 251, pl. lxiii. figs. i & ii (1856); *Dresser, Birds Eur.* v. p. 199 (1878); *Seebohm, Brit. Birds*, ii. p. 378, pl. 20 (1884); *Oates ed. Hume, Nests & Eggs Ind. Birds*, ii. p. 379 (1890); *Shelley, Cat. Birds B. M.* xix. p. 245 (1891); *Rey in Marshall's Zool. Vorträge*, Heft xi. (1892); *Bidwell, Bull. B. O. C.* v. p. xxix (1896); *id. Ibis*, 1896, p. 394; *Seebohm, Eggs of Brit. Birds*, p. 174, pl. 49. figs. 1–5, 9–13 (1896); *Rey, Eier Vög. Mitteleur.* p. 93, taf. 30 & 31 (1900); *Sharpe, Hand-l.* ii. p. 158 (1900).

The eggs of the Common Cuckoo are usually of a blunt oval form, but occasionally they are nearly elliptical in shape. They exhibit a moderate amount of gloss. The shell is thick and hard, and weighs considerably more than the shell of any egg of a Passerine bird of the same size. The eggs are very variable in size, measuring from ·76 to ·98 in length, and from ·57 to ·73 in breadth.

The eggs of the Common Cuckoo also vary much in colour and in the character of the markings, but the great majority resemble the eggs of the Skylark (*Alauda arvensis*) and Meadow-Pipit (*Anthus pratensis*), and are subject to the same variations as the eggs of those two species. The ground-colour varies from greyish white to pale green on the one hand, and from pale stone-colour to greyish brown on the other. The markings are densely disposed over the whole shell as a rule, and consist of smears, blotches, spots, and streaks of various shades of brown, greyish yellow, olive-brown, lavender, and lilac, and frequently of blackish dots.

As eggs of the above type, with their numerous slight variations, constitute the bulk of the Cuckoo's eggs in the Collection, it will be unnecessary to attempt to describe them in any further detail. In the following remarks, therefore, only those eggs will be described which differ from this common type.

*Eggs of the Common Cuckoo in the Collection disassociated from those of the foster-parents.*

| | | |
|---|---|---|
| 2. | Middlesex. | Seebohm Coll. |
| 4. | Finchley, Middlesex (*O. S.*). | Salvin-Godman Coll. |
| 1. | Hampstead, Middlesex (*O. S.*). | Salvin-Godman Coll. |
| 1. | Avington, Hants (*G. E. Shelley*). | Seebohm Coll. |
| 5. | Holland. | Salvin-Godman Coll. |
| 2. | Stolp, Pomerania (*T. Holland*). | Seebohm Coll. |
| 2. | Dhurumsala, Himalayas, 29th May (*R. C. Cock*). | Hume Coll. |
| 1. | Murri, Himalayas, 13th June (*C. H. T. Marshall*). | Hume Coll. |
| 1. | Kotgarh, Himalayas, 12th May (*Capt. Blair*). | Hume Coll. |

Among these specimens there is one which, but for its size, might be taken for the egg of *Fringilla cœlebs*; several which have a white ground-colour spotted and mottled with lilac-red and lavender; and one with a pinkish ground, mottled with pale rufous and lilac-grey. The remaining specimens are more or less of the common type.

*Eggs of the Common Cuckoo in the Collection associated with those of their foster-parents.*

*Muscicapa grisola.*

| | | |
|---|---|---|
| 1. | With 3 eggs of foster-parents, Churt, Surrey, May. | Crowley Bequest. |

Of the common type.

*Anorthura troglodytes.*

| | | | | |
|---|---|---|---|---|
| 1. | With 2 | eggs of foster-parents, | Germany. | Purchased. |
| 1. | With 1 | „ | Stolp, Pomerania, 30th May (*T. Holland*). | Seebohm Coll. |
| 1. | With 2 | „ | Stolp, 2nd June (*T. H.*). | Seebohm Coll. |
| 1. | With 2 | „ | Stolp, 2nd June (*T. H.*). | Seebohm Coll. |
| 1. | With 3 | „ | Stolp, 4th June (*T. H.*). | Seebohm Coll. |
| 1. | With 3 | „ | Stolp, 16th June (*T. H.*). | Seebohm Coll. |
| 1. | With 2 | „ | Stolp, 18th June (*T. H.*). | Seebohm Coll. |
| 1. | With 4 | „ | Stolp, 19th June (*T. H.*). | Seebohm Coll. |
| 1. | With 1 | „ | Stolp, 24th June (*T. H.*). | Seebohm Coll. |
| 1. | With 4 | „ | Stolp, 25th June (*T. H.*). | Seebohm Coll. |
| 1. | With 2 | „ | Stolp, 26th June (*T. H.*). | Seebohm Coll. |
| 1. | With 1 | „ | Stolp, 27th June (*T. H.*). | Seebohm Coll. |
| 1. | With 5 | „ | Stolp, 29th June (*T. H.*). | Seebohm Coll. |
| 1. | With 1 | „ | Brandenburg, 15th June. | Crowley Bequest. |
| 1. | With 4 | „ | Brandenburg, 4th May. | Crowley Bequest. |

All of the same type, with pale green ground-colour and many specks of black in addition to the usual markings.

*Erithacus rubecula.*

| | | | | |
|---|---|---|---|---|
| 1. | With 5 | eggs of foster-parents, | England, 6th June. | Purchased. |
| 1. | With 3 | „ | Stockbridge, Hants, 17th May. | W. H. Turle, Esq. [P.]. |
| 1. | With 5 | „ | Churt, May. | Crowley Bequest. |

| | | |
|---|---|---|
| 1. | With 4 eggs of foster-parents, Churt, May. | Crowley Bequest. |
| 1. | With 6 ,, ,, Churt, May. | Crowley Bequest. |
| 1. | With 4 ,, ,, Churt, June. | Crowley Bequest. |
| 1. | With nest and 4 eggs ,, Churt. | Crowley Bequest. |
| 1. | With ,, 4 ,, Churt. | Crowley Bequest. |
| 1. | With ,, 5 ,, Churt. | Crowley Bequest. |

Of the common type, with variations.

*Ruticilla phœnicura.*

| | | |
|---|---|---|
| 1. | With 5 eggs of foster-parents, Dorking, Surrey, 29th May. | Purchased. |
| 1. | With 5 ,, Finland, 6th June. | Crowley Bequest. |
| 1. | With 4 ,, Finland, 20th June. | Crowley Bequest. |
| 1. | With 5 ,, Finland, 7th July. | Crowley Bequest. |
| 1. | With 4 ,, Valkenswaard, Holland, 28th May (*H. Seebohm & H. J. Elwes*). | Seebohm Coll. |
| 1. | With 5 ,, Brandenburg, 12th June. | Crowley Bequest. |

Four examples are blue and two of the common type.

*Saxicola œnanthe.*

| | | |
|---|---|---|
| 1. | With 2 eggs of foster-parents, Hanover, 2nd June. | Crowley Bequest. |

Of the common type.

*Saxicola melanoleuca.*

| | | |
|---|---|---|
| 1. | With 3 eggs of foster-parents, Parnassus, Greece, 12th May. | Seebohm Coll. |

Blue, sparingly spotted at the broad end with pale lilac, and closely resembling the fosterer's eggs.

*Tharrhaleus modularis.*

| | | |
|---|---|---|
| 1. | With nest and 4 eggs of foster-parents, Churt. | Crowley Bequest. |
| 1. | With 3 eggs of foster-parents, Durham, 1st June. | Crowley Bequest. |
| 1. | With 1 ,, Cheshire, 24th May (*H. E. Smith*). | Seebohm Coll. |
| 1. | With 1 ,, Cheshire, 24th May (*H. E. S.*). | Seebohm Coll. |
| 1. | With 2 ,, Derbyshire. | Seebohm Coll. |
| 1. | With 3 ,, Leatherhead, Surrey, 29th May. | W. H. Turle, Esq. [P.]. |
| 1. | With 2 ,, Hayward's Heath, 10th May (*Swaysland*). | Seebohm Coll. |
| 1. | With 3 ,, Churt, June. | Crowley Bequest. |

All densely marked eggs of the common type, and in no instance of a blue colour.

*Sylvia nisoria.*

| | | |
|---|---|---|
| 1. | With 4 eggs of foster-parents, Berlin, 30th May. | Crowley Bequest. |

Greyish cream-colour, smeared with greyish yellow and lavender.

*Sylvia curruca.*

| | | |
|---|---|---|
| 1. | With 4 eggs of foster-parents, Churt. | Crowley Bequest. |
| 1. | With 3 ,, Brandenburg, 17th May. | Crowley Bequest. |

One example is of the common type; another resembles the fosterer's eggs so closely in colour as to lead to the suspicion that it may be only a double-yolked egg of *S. curruca*.

*Sylvia orpheus.*

| | | | |
|---|---|---|---|
| 2. | With 4 eggs of foster-parents, | Malaga, Spain (*A. Ruiz*). | Seebohm Coll. |
| 1. | With 4 „ | Smyrna, 13th May (*T. Krüper*). | Seebohm Coll. |
| 1. | With 4 „ | Smyrna 16th May (*T.K.*). | Seebohm Coll. |

Three examples closely resemble the fosterers' eggs; a fourth is of the common type.

*Sylvia atricapilla.*

| | | | |
|---|---|---|---|
| 1. | With 5 eggs of foster-parents, | Harrow, Middlesex. | Purchased. |
| 1. | With 3 „ „ | Churt, May. | Crowley Bequest. |

Both of the common type.

*Sylvia simplex.*

| | | | |
|---|---|---|---|
| 1. | With 5 eggs of foster-parents, | Stolp, Pomerania, 6th June (*T. Holland*). | Seebohm Coll. |
| 1. | With 3 „ „ | Saxony, 10th May. | Crowley Bequest. |
| 1. | With 3 „ „ | Brandenburg, May. | Crowley Bequest. |

Varied forms of the common type.

*Melizophilus undatus.*

| | | | |
|---|---|---|---|
| 1. | With nest and 2 eggs of foster-parents, | Churt. | Crowley Bequest. |

Of the common type.

*Phylloscopus sibilator.*

| | | | |
|---|---|---|---|
| 1. | With 3 eggs of foster-parents, | Malvern, Worcestershire. | Crowley Bequest. |

Of the common type.

*Phylloscopus trochilus.*

| | | | |
|---|---|---|---|
| 1. | With 4 eggs of foster-parents, | Churt. | Crowley Bequest. |
| 1. | With 3 „ | Hayward's Heath, Sussex, 24th May (*Swaysland*). | Seebohm Coll. |
| 1. | With 2 „ | Pomerania, 29th July. | Crowley Bequest. |
| 1. | With 4 „ | Frankfurt-on-Oder, 24th May. | Purchased. |

Of various forms of the common type.

*Phylloscopus minor.*

| | | | |
|---|---|---|---|
| 1. | With 2 eggs of foster-parents, | Churt, 21st May. | Crowley Bequest. |

Of the common type.

*Acrocephalus phragmitis.*

| | | | |
|---|---|---|---|
| 1. | With 4 eggs of foster-parents, | Tenby, Wales, 19th June. | Crowley Bequest. |
| 1. | With 6 „ „ | Harrow, Middlesex. | Purchased. |

| | | |
|---|---|---|
| 1. | With 4 eggs of foster-parents, Sussex, 30th May (*Swaysland*). | Seebohm Coll. |
| 1. | With nest and 5 eggs of foster-parents, England. | Crowley Bequest. |
| 1. | With „ 3 „ „ Valkenswaard, Holland, 1st July. | Crowley Bequest. |

Of the common type.

### *Acrocephalus streperus.*

| | | |
|---|---|---|
| 1. | With 1 egg of foster-parents, England. | Crowley Bequest. |
| 1. | With 1 „ Fullerton, Hants, 14th June. | W. H. Turle, Esq. [P.]. |
| 1. | With 4 „ Avington, Hants (*G. E. Shelley*). | Seebohm Coll. |
| 2. | With 1 „ Eastbourne, Sussex, 4th June (*H. Saunders*). | Seebohm Coll. |
| 1. | With 1 „ Pomerania, 25th May (*T. Holland*). | Seebohm Coll. |
| 1. | With 2 „ Pomerania, 8th June (*T. H.*). | Seebohm Coll. |
| 2. | With 2 „ Anhalt, Germany, 2nd June (*Dr. Rey*). | Seebohm Coll. |
| 1. | With nest and 1 egg of foster-parents, England (*Tristram Coll.*). | Crowley Bequest. |
| 1. | With „ 2 „ Staines, Middlesex. | Crowley Bequest. |
| 1. | With „ 5 „ Staines. | Crowley Bequest. |

Eggs placed in the nests of the Reed-Warbler are of a varied nature. Nine examples are more or less forms of the common type; two, placed in one nest, are white, spotted with lavender and speckled with dark brown; and one is of a greyish-pink colour, marked with lilac and rich purplish-red.

### *Acrocephalus palustris.*

| | | |
|---|---|---|
| 1. | With 3 eggs of foster-parents, Halle-on-Saale, 4th June. | Purchased. |

Of the common type.

### *Locustella nævia.*

| | | |
|---|---|---|
| 1. | With nest and 4 eggs of foster-parents, Brighton. | Crowley Bequest. |

Of the common type.

### *Lanius collurio.*

| | | |
|---|---|---|
| 1. | With 5 eggs of foster-parents, Churt, June. | Crowley Bequest. |
| 1. | With 3 „ „ Halle-on-Saale, 21st May. | Purchased. |

Of the common type, and very different from the fosterers' eggs.

### *Lanius pomeranus.*

| | | |
|---|---|---|
| 1. | With 3 eggs of foster-parents, South Spain, 10th May. | Crowley Bequest. |

Of the common type; greenish white, mottled with brown and lavender.

### *Lanius minor.*

| | | |
|---|---|---|
| 1. | With 2 eggs of foster-parents [Europe]. | Crowley Bequest. |

A very pale example; greenish white, sparingly smeared and blotched with pale lavender and very pale brown.

### *Regulus ignicapillus.*

| | | |
|---|---|---|
| 1. | With 5 eggs of foster-parents, Alsace, 16th May. | Crowley Bequest. |

Purplish white, mottled with pale lilac and lavender, and speckled with dark brown.

### *Motacilla lugubris.*

| | | | |
|---|---|---|---|
| 1. | With 5 eggs of foster-parents, | Dollar, N.B. | Purchased. |
| 2. | With 4 „ | Pembroke, 13th June. | Crowley Bequest. |
| 1. | With 5 „ | Tenby, 28th May. | Crowley Bequest. |
| 1. | With 4 „ | Lancashire, 26th May (*H. E. Smith*). | Seebohm Coll. |
| 1. | With 1 „ | Wherwell, Hants, 3rd June. | W. H. Turle, Esq. [P.]. |
| 1. | With 4 „ | Cookham, Berks, May. | Gould Coll. |
| 1. | With 5 „ | Churt, May. | Crowley Bequest. |
| 1. | With nest and 5 eggs of foster-parents, | Churt. | Crowley Bequest. |
| 1. | With „ 6 „ „ | Churt. | Crowley Bequest. |
| 1. | With „ 6 „ „ | Churt. | Crowley Bequest. |
| 1. | With „ 5 „ „ | Churt. | Crowley Bequest. |

Mostly of the common type. One example, however, is marked with short lines and scrawls, similar to those on a Bunting's egg, and another is blotched with chestnut-brown.

### *Motacilla alba.*

| | | | |
|---|---|---|---|
| 1. | With 4 eggs of foster-parents, | Stolp, Pomerania, 2nd July (*T. Holland*). | Seebohm Coll. |
| 2. | With 2 „ | Frankfurt-on-the-Oder, 26th June. | Purchased. |
| 1. | With 3 „ | Brandenburg, 17th May. | Crowley Bequest. |
| 1. | With 1 „ | Brandenburg, 30th May. | Crowley Bequest. |
| 2. | With 3 „ | Brandenburg, 21st June. | Crowley Bequest. |
| 1. | With 1 „ | Brandenburg, 24th June. | Crowley Bequest. |
| 1. | With 1 „ | Brandenburg, 1st July. | Crowley Bequest. |
| 1. | With 2 „ | Brandenburg, 2nd July. | Crowley Bequest. |
| 1. | With 2 „ | Brandenburg, 2nd July. | Crowley Bequest. |
| 1. | With 3 „ | Brandenburg, 3rd July. | Crowley Bequest. |
| 1. | With 4 „ | Brandenburg, 4th July. | Crowley Bequest. |
| 1. | With 2 „ | Brandenburg, 17th July. | Crowley Bequest. |

All of the common type except one specimen, which is of a purplish-white colour, smeared with lavender and speckled with black.

### *Motacilla campestris.*

| | | |
|---|---|---|
| 1. | With 4 eggs of foster-parents, Churt, May. | Crowley Bequest. |
| 1. | With nest and 5 eggs of foster-parents, Valkenswaard, Holland, 17th June. | Crowley Bequest. |

Both specimens closely resemble the eggs of the foster-parents.

*Motacilla flava.*

| | | | |
|---|---|---|---|
| 1. | With 3 eggs of foster-parents, | Valkenswaard, 28th May (*H. Seebohm*). | Seebohm Coll. |
| 1. | With 1 " | Saxony, 13th June. | Crowley Bequest. |
| 1. | With 3 " | Brandenburg, 1st July. | Crowley Bequest. |

Two examples are of a pale colour, and closely resemble the eggs of the foster-parents. A third is of the common type, but much speckled with dark brown.

*Anthus trivialis.*

| | | | |
|---|---|---|---|
| 1. | With 5 eggs of foster-parents, | Kingsley, Cheshire. | Crowley Bequest. |
| 1. | With 3 " " | Odiham, Hants. | Crowley Bequest. |
| 1. | With 4 " " | Churt, June. | Crowley Bequest. |
| 1. | With 4 " " | Churt. | Crowley Bequest. |
| 1. | With 5 " " | Churt. | Crowley Bequest. |
| 1. | With 4 " " | Hassocks Gate, Sussex, 14th May (*Swaysland*). | Seebohm Coll. |
| 1. | With nest and 3 eggs of foster-parents, | England. | Crowley Bequest. |
| 1. | With " 3 " " | England. | Crowley Bequest. |
| 1. | With " 3 " " | Churt. | Crowley Bequest. |
| 1. | With " 5 " " | Churt. | Crowley Bequest. |
| 1. | With " 5 " " | Churt. | Crowley Bequest. |
| 1. | With " 4 " " | Churt. | Crowley Bequest. |
| 1. | With " 5 " " | Churt. | Crowley Bequest. |

All of the common type except one, which is of a pinkish-grey colour, clouded with lilac and marked with scrawls and spots of rich purplish red, resembling in this respect the eggs of some of the Buntings.

*Anthus pratensis.*

| | | | |
|---|---|---|---|
| 1. | With 5 eggs of foster-parents, | Lochend, Inverness (*Hargitt Coll.*). | Seebohm Coll. |
| 1. | With 3 " | Lochend, May (*Hargitt Coll.*). | Seebohm Coll. |
| 1. | With 2 " | Mossford, Inverness (*Hargitt Coll.*). | Seebohm Coll. |
| 1. | With 2 " | England. | R. Swinhoe, Esq. [P.]. |
| 1. | With 4 " | England. | J. B. Greenshield, Esq. [P.]. |
| 1. | With 3 " | Lancashire (*H. E. Smith*). | Seebohm Coll. |
| 2. | With 4 " | Lancashire, 28th May (*H. E. S.*). | Seebohm Coll. |
| 2. | With 1 " | Lancashire, 30th May (*H. E. S.*). | Seebohm Coll. |
| 1. | With 3 " | Lancashire, 13th June (*H. E. S.*). | Seebohm Coll. |
| 2. | With 1 " | Lancashire, 29th June (*H. E. S.*). | Seebohm Coll. |
| 1. | With 4 " | Cheshire (*H. E. S.*). | Seebohm Coll. |
| 2. | With 3 " | Cheshire (*H. E. S.*). | Seebohm Coll. |
| 1. | With 1 " | Cheshire (*H. E. S.*). | Seebohm Coll. |
| 1. | With 1 " | Cheshire (*H. E. S.*). | Seebohm Coll. |
| 1. | With 1 " | Cheshire (*H. E. S.*). | Seebohm Coll. |

| | | | |
|---|---|---|---|
| 1. | With 3 eggs of foster-parents, | Cheshire (*H.E.S.*). | Seebohm Coll. |
| 1. | With 3 ,, | Cheshire (*H. E. S.*). | Seebohm Coll. |
| 1. | With 1 ,, | Cheshire (*H. E. S.*). | Seebohm Coll. |
| 1. | With 1 ,, | Cheshire, 11th May (*H. E. S.*). | Seebohm Coll. |
| 1. | With 3 ,, | Cheshire, 22nd May (*H. E. S.*). | Seebohm Coll. |
| 1. | With 1 ,, | Cheshire, 24th May (*H. E. S.*). | Seebohm Coll. |
| 1. | With 2 ,, | Cheshire, 25th May (*H. E. S.*). | Seebohm Coll. |
| 1. | With 2 ,, | Cheshire, 28th May (*H. E. S.*). | Seebohm Coll. |
| 1. | With 1 ,, | Cheshire, 28th May (*H. E. S.*). | Seebohm Coll. |
| 1. | With 3 ,, | Cheshire, 14th June (*H. E. S.*). | Seebohm Coll. |
| 1. | With 3 ,, | Tenby, 27th May. | Crowley Bequest. |
| 1. | With 3 ,, | Porchester, Hants, 1st June. | J. Stares, Esq. [P.]. |
| 1. | With 3 ,, | Churt, Surrey. | Gould Coll. |
| 1. | With 4 ,, | Churt, May. | Crowley Bequest. |
| 1. | With 3 ,, | Churt, June. | Crowley Bequest. |
| 1. | With 4 ,, | Churt, June. | Crowley Bequest. |
| 1. | With 4 ,, | Churt, June. | Crowley Bequest. |
| 1. | With 3 ,, | Friesland, 18th June. | Crowley Bequest. |
| 1. | With nest and 5 eggs of foster-parents, | Churt. | Crowley Bequest. |
| 1. | With ,, 4 ,, ,, | Churt. | Crowley Bequest. |
| 1. | With ,, 3 ,, ,, | Churt. | Crowley Bequest. |
| 1. | With ,, 3 ,, ,, | Churt. | Crowley Bequest. |
| 1. | With ,, 4 ,, ,, | Churt. | Crowley Bequest. |

All of various forms of the common type, and more or less resembling the eggs of the fosterers.

### *Anthus obscurus.*

| | | | |
|---|---|---|---|
| 1. | With 5 eggs of foster-parents, | Farn Islands. | Crowley Bequest. |

Of the common type.

### *Galerita cristata.*

| | | | |
|---|---|---|---|
| 1. | With 3 eggs of foster-parents, | Brandenburg, 5th June. | Crowley Bequest. |
| 1. | With 3 ,, ,, | Tancedo, Spain, 28th April (*H. Saunders*). | Crowley Bequest. |

Of the common type.

### *Alauda arvensis.*

| | | | |
|---|---|---|---|
| 1. | With 1 egg of foster-parents, | North Uist, Hebrides, 5th June (*E. V. Seebohm*). | Seebohm Coll. |
| 1. | With 3 ,, ,, | Churt, May. | Crowley Bequest. |

Of the common brown type.

### *Ligurinus chloris.*

| | | | |
|---|---|---|---|
| 1. | With 4 eggs of foster-parents, | Churt, June. | Crowley Bequest. |
| 1. | With nest and 4 eggs „ | Churt. | Crowley Bequest. |
| 1. | With „ 4 „ „ | Churt. | Crowley Bequest. |

Of the common rufous-brown type.

### *Fringilla cœlebs.*

| | | | |
|---|---|---|---|
| 1. | With 4 eggs of foster-parents, | Harrow, Middlesex. | Purchased. |
| 1. | With 3 „ „ | Churt. | Crowley Bequest. |

Of the common type and bearing no resemblance whatever to the eggs of the foster-parents.

### *Cannabina cannabina.*

| | | | |
|---|---|---|---|
| 1. | With 4 eggs of foster-parents, | Churt, June. | Crowley Bequest. |
| 1. | With nest and 5 eggs „ | Churt. | Crowley Bequest. |
| 1. | With „ 4 „ „ | Churt. | Crowley Bequest. |

Of the common brown type.

### *Passer domesticus.*

| | | | |
|---|---|---|---|
| 1. | With 1 egg of foster-parents, | Cheshire, 16th May (*H. E. Smith*). | Seebohm Coll. |

Of the common type.

### *Passer montanus.*

| | | | |
|---|---|---|---|
| 1. | With 3 eggs of foster-parents, | Germany, 26th May. | Crowley Bequest. |

Greyish pink, smeared with lavender and pale brown.

### *Emberiza schœniclus.*

| | | | |
|---|---|---|---|
| 1. | With 3 eggs of foster-parents, | England, 27th May. | Crowley Bequest. |

A pale egg of the common type.

### *Emberiza citrinella.*

| | | | |
|---|---|---|---|
| 1. | With 5 eggs of foster-parents, | Shropshire, 26th May. | Crowley Bequest. |
| 1. | With 4 „ „ | Churt, June. | Crowley Bequest. |
| 1. | With 2 „ „ | Frankfurt-on-Oder, 6th June. | Purchased. |
| 1. | With nest and 4 eggs „ | Churt. | Crowley Bequest. |

Of the common brown type.

### *Miliaria miliaria.*

| | | | |
|---|---|---|---|
| 1. | With 3 eggs of foster-parents, | Wareham, Dorset, July. | C. E. Radcliffe, Esq. [P.]. |
| 1. | With 2 „ „ | Halle-on-Saale, Germany, 20th May. | Crowley Bequest. |

One of the brown type; the other has a few scrawls and lines similar to those on some Buntings' eggs.

### **Cuculus saturatus**, *Hodgs.*

Cuculus striatus, *Swinhoe, Ibis*, 1861, pp. 259, 340.
Cuculus indicus, *Tacz. J. f. O.* 1873, p. 95, taf. i. figs. 7 & 8.
Cuculus intermedius, *Oates ed. Hume, Nests & Eggs Ind. Birds*, ii. p. 381 (1890); *Shelley, Cat. Birds B. M.* xix. p. 252 (1891).
Cuculus saturatus, *Blanf. Fauna Brit. Ind., Birds*, iii. p. 207 (1895); *Sharpe, Hand-l.* ii. p. 158 (1900).

An egg of the Asiatic Cuckoo in the Collection taken by Swinhoe from a nest of *Pycnonotus sinensis* is now imperfect, but appears to correspond well with Mr. Hume's description of an egg of this species. It is of a pinkish-white colour, thickly freckled with purplish grey. It measures ·67 in breadth.

1. Amoy (*R. Swinhoe: Tristram Coll.*). Crowley Bequest.

### **Cuculus poliocephalus**, *Lath.*

(Plate II. fig. 3.)

Cuculus poliocephalus, *Legge, Birds Ceylon*, p. 231 (1878); *Oates ed. Hume, Nests & Eggs Ind. Birds*, ii. p. 382 (1890); *Shelley, Cat. Birds B. M.* xix. p. 255 (1891); *Blanf. Fauna Brit. Ind., Birds*, iii. p. 208 (1895); *Osmaston, Journ. Bomb. Nat. Hist. Soc.* xi. p. 472 (1898); *Nehrk. Kat. Eiersamml.* p. 171 (1899); *Sharpe, Hand-l.* ii. p. 158 (1900).
Cuculus poliocephalus, *var.* rochii, *Milne-Edwards & Grandidier, Hist. Nat. Madag., Ois.* i. p. 176 (1879).
Cuculus rochii, *Cowan, Proc. Roy. Phys. Soc. Edinb.* pp. 142, 149 (1882).

The eggs of the Grey-headed Cuckoo taken in Madagascar by Mr. Cowan are of a regular oval shape, smooth and very glossy. They are white, spotted and speckled with umber-brown, more thickly at the large end than elsewhere, and with a few underlying pale purplish markings. They measure respectively: ·75 by ·55; ·7 by ·48; ·72 by ·56; ·75 by ·54.

Some eggs of this species from the Crowley Collection are very similar, but the markings are more numerous, and form a well-defined zone round the broad end.

An egg taken by Mr. Osmaston and attributed to this species is described as being chocolate-colour. It was probably the egg of *Chalcococcyx maculatus.*

An egg taken by Mr. Brooks, and believed to belong to this species, is described as being pure white and glossy.

| | | |
|---|---|---|
| 4. | Madagascar. | Rev. W. Deans Cowan [P.]. |
| 2. | Madagascar. | Crowley Bequest. |
| 3. | Tamala Country, Madagascar (*W. Deans Cowan*). | Crowley Bequest. |

### **Cuculus pallidus** (*Lath.*).

Cacomantis pallidus, *Gould, Handb. Birds Austr.* i. p. 615 (1865); *North, Nests & Eggs Austr. Birds*, p. 243 (1889).

Cuculus pallidus, *Shelley, Cat. Birds B. M.* xix. p. 261 (1891); *Nehrk. Kat. Eiersamml.* p. 171 (1899); *Sharpe, Hand-l.* ii. p. 159 (1900); *Campbell, Nests & Eggs Austr. Birds,* ii. p. 564, pl. 16 (1901).

The eggs of the Pallid Cuckoo are of a pointed oval shape and exhibit a considerable amount of gloss. They are flesh-coloured, very sparingly speckled with chestnut. Five examples measure from ·92 to ·98 in length, and from ·68 to ·7 in breadth.

| | | |
|---|---|---|
| 1. | Australia (*E. D. Atkinson*). | Crowley Bequest. |
| 2. | Australia. | W. Radcliffe Saunders, Esq. [P.]. |
| 1. | Oakleigh, Victoria (*E. P. Seymour*). | Crowley Bequest. |
| 1. | Western Point, Victoria, 19th Oct. (*A. J. North*). | Crowley Bequest. |
| 1. | Melbourne, 1st Oct. (*A. J. N.*). | Crowley Bequest. |
| 1. | Gippsland, Victoria. | F. A. Philbrick, Esq., K.C. [P.]. |
| 1. | Canterbury, New South Wales, 20th Oct. (with 2 eggs of *Ptilotis auricomis*). | Crowley Bequest. |

## Genus **PENTHOCERYX**, *Cab.*

### **Penthoceryx sonnerati** (*Lath.*).

(Plate II. fig. 2.)

Cuculus sonnerati, *Legge, Birds Ceylon,* p. 233 (1878); *Oates ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 382 (1890); *Shelley, Cat. Birds B. M.* xix. p. 262 (1891).
Penthoceryx sonnerati, *Blanf. Fauna Brit. Ind., Birds,* iii. p. 219 (1895); *Sharpe, Hand-l.* ii. p. 159 (1900).

Two eggs in the Collection, attributed to the Banded Bay Cuckoo, must be accepted with great doubt in view of Mr. Hume's statement that the fragments of an egg-shell extracted from the oviduct of a female of this species were pale bluish green and quite spotless.

They are of a rather pointed oval form, smooth, and very glossy. The ground-colour is white, and they are marked with brick-red. In one specimen the markings are minute specks; in the other spots and small blotches. They measure respectively: ·82 by ·64; ·8 by ·61.

| | | |
|---|---|---|
| 2. | Coorg, S. India, 18th July. | Hume Coll. |

## Genus **CACOMANTIS**, *S. Müll.*

### **Cacomantis flabelliformis** (*Lath.*).

Cuculus cineraceus, *Ramsay, P. Z. S.* 1865, p. 463; 1869, p. 360, pl. xxvii. fig. 4.
Cacomantis flabelliformis, *Gould, Handb. Birds Austr.* i. p. 618 (1865); *North, Nests & Eggs Austr. Birds,* p. 244, pl. xiii. fig. 7 (1889); *Shelley, Cat. Birds B. M.* xix. p. 266 (1891); *Sharpe, Hand-l.* ii.

p. 159 (1900); *Campbell, Nests & Eggs Austr. Birds,* ii. p. 568 (1901).

An egg of the Fan-tailed Cuckoo in the Collection is of a narrow blunt oval shape, moderately glossy, and of a white colour, thickly speckled with pale chestnut and lilac-grey. It measures ·88 by ·6.

| | |
|---|---|
| 1. Tasmania. | Gould Coll. |

### Cacomantis variolosus (*Horsf.*).

Cacomantis variolosus, *Shelley, Cat. Birds B. M.* xix. p. 272 (1891); *Sharpe, Hand-l.* ii. p. 160 (1900); *Campbell, Nests & Eggs Austr. Birds,* ii. p. 572, pl. 17 (1901).

An egg of the Square-tailed Cuckoo in the Collection is of a blunt oval shape and moderately glossy. It is white, marked, chiefly in the form of a zone round the broader end, with spots of pale rufous and lavender. It measures ·73 by ·56.

| | |
|---|---|
| 1. Wellington, New South Wales, 12th Dec. (with two eggs of *Rhipidura albiscapa*). | Crowley Bequest. |

### Cacomantis insperatus (*Gould*).

(Plate II. fig. 9.)

Cacomantis insperatus, *Shelley, Cat. Birds B. M.* xix. p. 273 (1891); *Nehrk. Kat. Eiersamml.* p. 171, taf. iv. fig. 45 (1899); *Sharpe, Hand-l.* ii. p. 160 (1900).

Two eggs, said to be those of the Papuan Cuckoo, are of a narrow oval form, moderately glossy, and of an olive-brown colour, marked at the broader end with a few minute specks of darker brown. They measure respectively: ·8 by ·56; ·79 by ·51.

They are hardly separable from the eggs of *Cacomantis bronzinus* and *Chalcococcyx plagosus*, but they differ altogether from the specimen figured by Herr Nehrkorn (*l. c.*). The authenticity of these eggs, therefore, requires confirmation.

| | |
|---|---|
| 2. S.E. New Guinea (with 3 eggs of *Todopsis cyanocephala*). | Herr Weiske [C.]. |

### Cacomantis bronzinus (*Gray*).

Cacomantis bronzinus, *Shelley, Cat. Birds B. M.* xix. p. 275 (1891); *Nehrk. Kat. Eiersamml.* p. 171 (1899); *Sharpe, Hand-l.* ii. p. 160 (1900).

An egg of the New Caledonian Cuckoo in the Collection is almost elliptical in shape, moderately glossy, and of a plain olive-brown colour. It measures ·8 by ·53. This specimen closely resembles the eggs of *C. insperatus*, described above.

| | |
|---|---|
| 1. Noumea, New Caledonia (with two eggs of *Pseudogerygone flavilateralis*: *E. L. Layard*: *Tristram Coll.*). | Crowley Bequest. |

### **Cacomantis passerinus** (*Vahl*).

(Plate II. fig. 10.)

Cuculus passerinus, *Legge, Birds Ceylon*, p. 235 (1878).
Cacomantis passerinus, *Oates ed. Hume, Nests & Eggs Ind. Birds*, ii. p. 385 (1890); *Shelley, Cat. Birds B. M.* xix. p. 277 (1891); *Blanf. Fauna Brit. Ind., Birds*, iii. p. 216 (1895); *Sharpe, Hand-l.* ii. p. 160 (1900).

The eggs of the Indian Plaintive Cuckoo are almost elliptical in shape, slightly glossy, and of a pale blue colour, sparingly spotted and blotched with pale reddish brown and lilac-grey. Two examples measure respectively: ·76 by ·51; ·78 by ·55.

| | | |
|---|---|---|
| 1. | Kotagherri, Nilghiri Hills, 22nd Sept. (*Miss Cockburn*). | Hume Coll. |
| 1. | Kotagherri, 26th Sept. (*Miss Cockburn*). | Hume Coll. |

## Genus **CHRYSOCOCCYX**, *Boie*.

### **Chrysococcyx klaasi** (*Steph.*).

Cuculus klaasi, *Sharpe, ed. Layard's Birds S. Africa*, p. 155 (1875–84).
Chrysococcyx klaasi, *Shelley, Cat. Birds B. M.* xix. p. 283 (1891); *Nehrk. Kat. Eiersamml.* p. 171 (1899); *Sharpe, Hand-l.* ii. p. 161 (1900); *Ivy, Ibis*, 1901, p. 28.

An egg in the Collection, attributed to Klaas's Cuckoo, is nearly elliptical in shape and moderately glossy. It is cream-coloured, very densely freckled with greyish brown over the whole surface. It measures ·74 by ·5.

| | | |
|---|---|---|
| 1. | Potchefstroom, Transvaal (*T. Ayres: Tristram Coll.*). | Crowley Bequest. |

### **Chrysococcyx cupreus** (*Bodd.*).

Chrysococcyx cupreus, *Sharpe, ed. Layard's Birds S. Africa*, p. 153 (1875–84); *Ayres, Ibis*, 1878, p. 407, 1879, p. 297; *Shelley, Cat. Birds B. M.* xix. p. 285 (1891); *Nehrk. Kat. Eiersamml.* p. 171 (1899); *Sharpe, Hand-l.* ii. p. 161 (1900); *Haagner, Ibis*, 1901, p. 16; *Ivy, Ibis*, 1901, p. 26.

An egg, said to be that of the Golden Cuckoo, is nearly an ellipse in shape and is moderately glossy. It is of a bluish-white colour, spotted and mottled with greyish brown and lavender. It resembles some eggs of *Passer domesticus*. It measures ·9 by ·6.

| | | |
|---|---|---|
| 1. | Natal (*T. Ayres: Tristram Coll.*). | Crowley Bequest. |

## Genus **CHALCOCOCCYX**, *Cab.*

### **Chalcococcyx maculatus** (*Gm.*).

(Plate II. fig. 8.)

Cuculus maculatus, *Legge, Birds Ceylon*, p. 238 (1878).
Chalcococcyx maculatus, *Oates ed. Hume, Nests & Eggs Ind. Birds*, ii.

p. 387 (1890); *Shelley, Cat. Birds B. M.* xix. p. 291 (1891); *Sharpe, Hand-l.* ii. p. 161 (1900).
Chrysococcyx maculatus, *Blanf. Fauna Brit. Ind., Birds,* iii. p. 222 (1895).

An egg, attributed to the Indian Emerald Cuckoo by Mr. Hume, is almost a perfect ellipse in shape and possesses a fair amount of gloss. It is of a brownish-pink colour and measures ·8 by ·62.

| | | |
|---|---|---|
| 1. | Lebong, Sikhim, 12th July (*L. Mandelli*). | Hume Coll. |

## Chalcococcyx basalis (*Horsf.*).

Chalcites lucidus (*nec Gm.*), *Ramsay, P. Z. S.* 1865, p. 460.
Lamprococcyx basalis, *Gould, Handb. Birds Austr.* i. p. 626 (1865); *Ramsay, P. Z. S.* 1869, p. 359, pl. xxvii. fig. 2; *North, Nests & Eggs Austr. Birds*, p. 247, pl. xiii. fig. 13 (1889).
Chalcococcyx basalis, *Shelley, Cat. Birds B. M.* xix. p. 294 (1891); *Nehrk. Kat. Eiersamml.* p. 171 (1899); *Sharpe, Hand-l.* ii. p. 162 (1900); *Campbell, Nests & Eggs Austr. Birds,* ii. p. 576, pl. 17 (1901).

The eggs of the Narrow-billed Bronze Cuckoo are of a narrow elliptical shape, slightly glossy, and of a pinkish-white colour, thickly speckled all over with reddish brown. They measure from ·68 to ·79 in length, and from ·5 to ·53 in breadth.

| | | |
|---|---|---|
| 5. | Australia. | Gould Coll. |
| 2. | Australia (*E. D. Atkinson*). | Crowley Bequest. |
| 1. | New South Wales. | Crowley Bequest. |
| 1. | Dobroyde, N.S.W. (*E. P. Ramsay: Tristram Coll.*). | Crowley Bequest. |
| 1. | Bogan River, N.S.W., 30th Sept. (with 3 eggs of *Malurus cyaneus*). | Crowley Bequest. |
| 2. | Victoria (*E. P. Seymour*). | Crowley Bequest. |
| 1. | Victoria, 1st Jan. | W. Radcliffe Saunders, Esq. [P.]. |
| 1. | Yarra River, Victoria, 22nd Nov. (*A. J. North*). | Crowley Bequest. |
| 1. | Melbourne, 7th Dec. (with 3 eggs of *Acanthiza chrysorrhoa: W. Bridger*). | Salvin-Godman Coll. |
| 2. | Tasmania. | Gould Coll. |

## Chalcococcyx lucidus (*Gm.*).

(Plate II. fig. 5.)

Chrysococcyx lucidus, *Potts, Tr. N.Z. Inst.* ii. p. 65 (1869); *Buller, Birds New Zeal.* 2nd ed. i. p. 132 (1888).
Chalcococcyx lucidus, *Shelley, Cat. Birds B. M.* xix. p. 295 (1891); *Nehrk. Kat. Eiersamml.* p. 172 (1899); *Sharpe, Hand-l.* ii. p. 162 (1900); *Campbell, Nests & Eggs Austr. Birds,* ii. p. 580 (1901).

An egg of the Broad-billed Bronze Cuckoo in the Collection is of an ordinary oval shape and faintly glossy. It is pale greenish blue, sparingly speckled round the broader end with black and lavender. It measures ·8 by ·6.

| | | |
|---|---|---|
| 1. | South Island, New Zealand. | Crowley Bequest. |

### **Chalcococcyx plagosus** (*Lath.*).

Lamprococcyx plagosus, *Gould, Handb. Birds Austr.* i. p. 623 (1865); *Ramsay, P. Z. S.* 1869, p. 359, pl. xxvii. fig. 1; *North, Nests & Eggs Austr. Birds*, p. 246, pl. ix. fig. 13 (1889).
Chalcites lucidus, *apud Ramsay, P. Z. S.* 1865, p. 460 (pt.).
Chalcococcyx plagosus, *Shelley, Cat. Birds B. M.* xix. p. 297 (1891); *Nehrk. Kat. Eiersamml.* p. 172 (1899); *Sharpe, Hand-l.* ii. p. 162 (1900); *Campbell, Nests & Eggs Austr. Birds*, ii. p. 582, pl. 17 (1901).

The eggs of the Australian Bronze Cuckoo are of a regular oval form, slightly glossy, and uniform brown or olive-brown in colour. On very close inspection a few darker specks may be discovered at the broad end of the egg. Four examples measure respectively: ·68 by ·5; ·69 by ·47; ·68 by ·47; ·76 by ·51.

| | | |
|---|---|---|
| 1. | New South Wales. | Crowley Bequest. |
| 2. | Dobroyde, N.S.W., Sept. (*E. P. Ramsay: Tristram Coll.*). | Crowley Bequest. |
| 2. | New South Wales. | Gould Coll. |
| 1. | Belmore, N.S.W., 18th Oct. (with 3 eggs of *Acanthiza chrysorrhoa*). | Crowley Bequest. |
| 1. | Melbourne, Victoria. | Salvin-Godman Coll. |
| 1. | Yarra River, Victoria, 20th Sept. (*A. J. North*). | Crowley Bequest. |
| 1. | West Australia, Dec. (with 5 eggs of *Acanthiza chrysorrhoa*). | Gould Coll. |

## Genus **COCCYZUS**, *Vieill.*

The eggs of the Cuckoos of this genus are elliptical in shape and almost devoid of gloss. They are plain white of various shades of greenish blue or green.

### **Coccyzus minor** (*Gm.*).

Coccygus minor, *Baird, Brewer & Ridgw. N. Amer. Birds*, ii. p. 482 (1874).
Coccyzus minor, *Shelley, Cat. Birds B. M.* xix. p. 304 (1891); *Bendire, Life-Hist. N. Amer. Birds*, ii. p. 17 (1895); *Salv. & Godm. Biol. Centr.-Amer., Aves*, ii. p. 523 (1896); *Nehrk. Kat. Eiersamml.* p. 172 (1899); *von Ihering, Rev. Mus. Paulista*, iv. p. 263 (1900); *Sharpe, Hand-l.* ii. p. 163 (1900).

The eggs of the Mangrove Cuckoo are of a pale bluish-green colour. They measure from 1·2 to 1·31 in length, and from ·87 to ·92 in breadth.

| | | |
|---|---|---|
| 4. | Port Henderson, Jamaica, 1st Aug. (*G. W. Field*). | Crowley Bequest. |
| 7. | Jamaica (*Field Coll.*). | Crowley Bequest. |

### **Coccyzus melanocoryphus** (*Vieill.*).

(Plate II. fig. 15.)

Coccyzus melanocoryphus, *Scl. & Huds. Argent. Orn.* ii. p. 38 (1889); *Shelley, Cat. Birds B. M.* xix. p. 307 (1891); *Holland, Ibis,* 1892, p. 203; *Nehrk. Kat. Eiersamml.* p. 172 (1899); *von Ihering, Rev. Mus. Paulista,* iv. p. 263 (1900); *Sharpe, Hand-l.* ii. p. 163 (1900).

The eggs of the South-American Black-billed Cuckoo are of a pale green colour. Examples measure from 1·12 to 1·21 in length, and from ·85 to ·93 in breadth.

| | | |
|---|---|---|
| 3. | Argentine Republic, Nov. | A. H. Holland, Esq. [C.]. |
| 3. | Argentine Republic. | Crowley Bequest. |

### **Coccyzus americanus** (*Linn.*).

Coccyzus americanus, *Thien. Fortpflanz. ges. Vög.* p. 87, tab. xv. fig. 5 (*nec* 6) (1845–54); *Baedeker, Eier Eur. Vög.* tab. 50. fig. 6 (1855–63); *Dresser, Ibis,* 1865, p. 467; *id. Birds Eur.* v. p. 227 (1876); *Seebohm, Brit. Birds,* ii. p. 390, pl. 68 (1884); *Shelley, Cat. Birds B. M.* xix. p. 308 (1891); *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 525 (1896); *Bendire, Life-Hist. N. Amer. Birds,* ii. p. 19, pl. v. fig. 1 (1895); *Seebohm, Eggs of Brit. Birds,* p. 175, pl. 49, fig. 8 (1896); *Sharpe, Hand-l.* ii. p. 164 (1900).

Coccygus americanus, *Baird, Brewer & Ridgw. N. Amer. Birds,* ii. p. 477 (1874).

The eggs of the Yellow-billed Cuckoo are of a pale bluish-green colour. They measure from 1·16 to 1·32 in length, and from ·87 to ·96 in breadth. One exceptionally small example measures only 1·07 by ·77.

| | | |
|---|---|---|
| 1. | North America (*Tristram Coll.*). | Crowley Bequest. |
| 1. | North America (*Henshaw Coll.*). | Salvin-Godman Coll. |
| 1. | North America (*Whiteaves: Hargitt Coll.*). | Seebohm Coll. |
| 4. | Los Angeles, California, 10th June. | W. Radcliffe Saunders, Esq. [P.]. |
| 3. | Bexar, Texas (*Hargitt Coll.*). | Seebohm Coll. |
| 1. | San Antonio, Texas (*Dr. Heermann*). | Salvin-Godman Coll. |
| 1. | San Antonio, June (*H. E. Dresser*). | Seebohm Coll. |
| 1. | San Antonio (*H. E. D.*). | Crowley Bequest. |
| 1. | Rio Medina, Texas, 5th July (*H. E. D.*). | Seebohm Coll. |
| 2. | Texas (*H. E. D.*). | Seebohm Coll. |
| 1. | Iowa. | Crowley Bequest. |
| 2. | Massachusetts (*Tristram Coll.*). | Crowley Bequest. |
| 2. | Gettysburg, Pennsylvania (*B. Hitz: Smiths. Inst.*). | Salvin-Godman Coll. |

### **Coccyzus erythrophthalmus** (*Wils.*).

Coccygus erythrophthalmus, *Baird, Brewer & Ridgw. N. Amer. Birds,* ii. p. 484 (1874).

Coccyzus erythrophthalmus, *Dresser, Birds Eur.* v. p. 231 (1876); *Shelley, Cat. Birds B. M.* xix. p. 311 (1891); *Bendire, Life-Hist.*

*N. Amer. Birds*, ii. p. 27, pl. v. figs. 3 & 4 (1895); *Seebohm, Eggs of Brit. Birds*, p. 175, pl. 49. fig. 6 (1896); *Salv. & Godm. Biol. Centr.-Amer., Aves*, ii. p. 526 (1896); *Nehrk. Kat. Eiersamml.* p. 172 (1899); *Sharpe, Hand-l.* ii. p. 164 (1900).

The eggs of the Black-billed Cuckoo are of a somewhat deep greenish-blue colour. They measure from 1·03 to 1·16 in length, and from ·79 to ·87 in breadth.

| | | |
|---|---|---|
| 1. | North America (*Smiths. Inst.*). | Salvin-Godman Coll. |
| 12. | North America (*Henshaw Coll.*). | Salvin-Godman Coll. |
| 3. | North America. | Crowley Bequest. |
| 1. | North America (*Tristram Coll.*). | Crowley Bequest. |
| 9. | United States of America. | Seebohm Coll. |
| 2. | River St. Croix, Nova Scotia (*H. E. Dresser*). | Crowley Bequest. |

### **Coccyzus cinereus**, *Vieill.*

Coccyzus cinereus, *Scl. & Huds. Argent. Orn.* ii. p. 38 (1889); *Shelley, Cat. Birds B. M.* xix. p. 312 (1891); *Nehrk. Kat. Eiersamml.* p. 172 (1899); *Sharpe, Hand-l.* ii. p. 164 (1900).

The eggs of the Cinereous Cuckoo are of a plain white colour. Two examples measure respectively: 1·1 by ·77; 1 by ·76.

| | | |
|---|---|---|
| 2. | Argentine Republic. | Crowley Bequest. |

## Genus **URODYNAMIS**, *Salvad.*

### **Urodynamis taitiensis** (*Sparrm.*).

Eudynamis taitensis, *Buller, Birds New Zeal.* 2nd ed. i. p. 127 (1888).
Urodynamis taitiensis, *Shelley, Cat. Birds B. M.* xix. p. 314 (1891); *Sharpe, Hand-l.* ii. p. 164 (1900).

An egg of the Long-tailed Cuckoo in the Collection is spherical in shape, rough in texture, and pale buff in colour. The measurements are 1·1 by ·85.

| | | |
|---|---|---|
| 1. | New Zealand. | W. Radcliffe Saunders, Esq. [P.]. |

## Genus **EUDYNAMIS**, *Vig. & Horsf.*

### **Eudynamis honorata** (*Linn.*).

Eudynamis orientalis, *Layard, Ann. & Mag. Nat. Hist.* (2) xiii. p. 451 (1854).
Eudynamis honorata, *Legge, Birds Ceylon*, p. 251 (1878); *Barnes, Journ. Bomb. Nat. Hist. Soc.* iv. p. 19, pl. —. fig. 214 (1889); *Oates ed. Hume, Nests & Eggs Ind. Birds*, ii. p. 392 (1890); *Shelley, Cat. Birds B. M.* xix. p. 316 (1891); *Blanf. Fauna Brit. Ind., Birds*, iii. p. 228 (1895); *Sharpe, Hand-l.* ii. p. 164 (1900).
Eudynamis maculata, *La Touche, Ibis*, 1892, p. 480.

The eggs of the Indian Koel bear a general resemblance to those of the Crows (*Corvus*), in the nests of which birds they usually deposit their eggs. They are of a blunt oval form and are moderately glossy. The ground-colour is somewhat variable, being generally of some shade of green, tinged with olive or brown, but sometimes pale buff or stone-colour. The surface-markings, which consist of specks, spots, streaks, and blotches, also vary in extent and in shade of colour. Frequently they are densely distributed over the whole shell; but oftener, perhaps, they are most numerous at the broad end, where they form a cap or zone. They vary in colour from olive-brown to reddish brown. The underlying markings are dull purple or lavender-grey, and are of the same character as the surface-markings.

Specimens measure from 1·08 to 1·29 in length, and from ·89 to ·96 in breadth.

| | | |
|---|---|---|
| 2. | India. | W. Radcliffe Saunders, Esq. [P.]. |
| 2. | Sind. | Crowley Bequest. |
| 1. | Sikhim Terai, 15th April. | Hume Coll. |
| 1. | Sikhim Terai, 28th April. | Hume Coll. |
| 4. | Sikhim Terai, 19th May. | Hume Coll. |
| 1. | Delhi, 17th June (*C. T. Bingham*). | Hume Coll. |
| 2. | Bareilly. | Hume Coll. |
| 1. | Bareilly, 23rd May (*A. O. H.*). | Hume Coll. |
| 1. | Bareilly, 6th June (*A. O. H.*). | Hume Coll. |
| 1. | Bareilly, 23rd June (*A. O. H.*). | Hume Coll. |
| 2. | Mirzapur, 8th June (*W. E. Brooks: Tristram Coll.*). | Crowley Bequest. |
| 1. | Allahabad. | Hume Coll. |
| 2. | Allahabad, 10th July. | Hume Coll. |
| 1. | Lucknow, 30th June. | Hume Coll. |
| 1. | Lucknow, 9th July. | Hume Coll. |
| 1. | Lucknow, 17th July. | Hume Coll. |
| 1. | Calcutta, 16th April. | Crowley Bequest. |
| 1. | Jhansi, N.W. Provs. | Hume Coll. |
| 1. | Hoshungabad, C. Provs., 22nd July. | Hume Coll. |
| 6. | Belgaum, 13th March (*E. A. Butler*). | Hume Coll. |
| 3. | Belgaum, 14th March (*E. A. B.*). | Hume Coll. |
| 2. | Belgaum, 20th March (*E. A. B.*). | Hume Coll. |
| 3. | Belgaum, May (*E. A. B.*). | Hume Coll. |
| 1. | Belgaum, 1st June (*E. A. B.*). | Hume Coll. |
| 2. | Belgaum, 6th June (*E. A. B.*). | Hume Coll. |
| 1. | Belgaum, 7th June (*E. A. B.*). | Hume Coll. |
| 1. | Ceylon (*E. L. Layard*). | Salvin-Godman Coll. |
| 1. | Foochow, China, May. | C. B. Rickett, Esq. [P.]. |

### **Eudynamis cyanocephala** (*Lath.*).

Eudynamis flindersii, *Gould, Handb. Birds Austr.* i. p. 632 (1865); *Bennett, P. Z. S.* 1873, p. 519.

Eudynamis cyanocephala, *North, Proc. Linn. Soc. N.S.W.* (2) ii. p. 554 (1887); (2) x. p. 215 (1895); *id. Nests & Eggs Austr. Birds*, p. 249 (1889); *Shelley, Cat. Birds B. M.* xix. p. 324 (1891); *Sharpe, Hand-l.* ii. p. 165 (1900); *Campbell, Nests & Eggs Austr. Birds*, ii. p. 586, pl. 17 (1901).

An egg of the Australian Koel is of an elongated oval shape and moderately glossy. The ground-colour is pale salmon-pink, and this is sparingly and very delicately marked with spots and very small blotches of pale chestnut and underlying lavender-grey. It measures 1·42 by ·96.

| | |
|---|---|
| 1. Australia. | Gould Coll. |

## Sub-Family CENTROPODINÆ.

### Genus **CENTROPUS**, *Illiger*.

The eggs of the Coucals or Crow-Pheasants vary from a broad oval or elliptical shape to a spheroidal one. They are plain white and moderately glossy. The shell is chalky in texture and somewhat rough to the touch.

### **Centropus ateralbus**, *Less.*

Centropus ateralbus, *Layard, Ibis,* 1880, p. 300; *Shelley, Cat. Birds B. M.* xix. p. 334 (1891); *Nehrk. Kat. Eiersamml.* p. 172 (1899); *Sharpe, Hand-l.* ii. p. 166 (1900).

Two eggs of the Pied Coucal in the Collection measure respectively: 1·33 by 1·19; 1·54 by 1·3.

| | |
|---|---|
| 2. New Britain. | Crowley Bequest. |

### **Centropus menebiki** (*Less. & Garn.*).

Centropus menebiki, *Shelley, Cat. Birds B. M.* xix. p. 336 (1891); *Sharpe, Hand-l.* ii. p. 166 (1900).

An egg of the Giant Coucal in the Collection measures 1·45 by 1·05.

| | |
|---|---|
| 1. S.E. New Guinea. | Herr Weiske [C.]. |

### **Centropus nigricans** (*Salvad.*).

Centropus nigricans, *Shelley, Cat. Birds B. M.* xix. p. 339 (1891); *Nehrk. Kat. Eiersamml.* p. 172 (1899); *Sharpe, Hand-l.* ii. p. 166 (1900).

Two eggs of the Blackish Coucal measure respectively: 1·48 by 1·11; 1·41 by 1·09.

| | |
|---|---|
| 2. Fergusson Island, New Guinea, 30th Oct. (*A. S. Meek*). | Crowley Bequest. |

### **Centropus phasianus** (*Lath.*).

Centropus phasianus, *Gould, Handb. Birds Austr.* i. p. 634 (1865); *North, Nests & Eggs Austr. Birds,* p. 249 (1889); *Shelley, Cat. Birds B. M.* xix. p. 340 (1891); *Le Souëf, Vict. Nat.* xvi. p. 72 (1899); *Nehrk. Kat. Eiersamml.* p. 172 (1899); *Robinson & Laverock, Ibis,* 1900, p. 64; *Sharpe, Hand-l.* ii. p. 166 (1900); *Campbell, Nests & Eggs Austr. Birds,* ii. p. 590 (1901).

Varying much in size, the eggs of the Australian Coucal range from 1·60 to 1·31 in length, and from 1·29 to 1·02 in breadth.

| | | |
|---|---|---|
| 1. | Australia, 16th Dec. | Crowley Bequest. |
| 1. | Port Essington, Australia (*Wilson*). | Gould Coll. |
| 25. | North Queensland, Jan. & Feb. | W. Radcliffe Saunders, Esq. [P.]. |

### **Centropus sinensis** (*Steph.*).

Centropus philippensis, *Layard, Ann. Mag. Nat. Hist.* (2) xiii. p. 450 (1854).
Centropus rufipennis, *Legge, Birds Ceylon*, p. 260 (1878).
Centrococcyx rufipennis, C. intermedius, & C. maximus, *Oates ed. Hume, Nests & Eggs Ind. Birds*, ii. pp. 400–405 (1890).
Centropus sinensis, *Shelley, Cat. Birds B. M.* xix. p. 343 (1891); *Blanf. Fauna Brit. Ind., Birds*, iii. p. 239 (1895); *La Touche, Ibis*, 1892, p. 480; *Sharpe, Hand-l.* ii. p. 167 (1900).

The eggs of the Common Coucal or Crow-Pheasant measure from 1·2 to 1·6 in length, and from 1 to 1·23 in breadth.

| | | |
|---|---|---|
| 8. | Eastern Narra, Sind, 3rd July (*Scrope Doig*). | Hume Coll. |
| 26. | Eastern Narra (*S. D.*). | Hume Coll. |
| 3. | Agra, 25th July. | Hume Coll. |
| 2. | Agra, Aug. | Hume Coll. |
| 1. | Mirzapur, 20th May (*W. E. Brooks: Tristram Coll.*). | Crowley Bequest. |
| 12. | Allahabad. | Hume Coll. |
| 3. | Allahabad, 4th July. | Hume Coll. |
| 2. | Allahabad, 21st Aug. | Hume Coll. |
| 1. | Etawah, 1st Aug. | Hume Coll. |
| 3. | Jhansi, 23rd June. | Hume Coll. |
| 2. | Jhansi, 18th July. | Hume Coll. |
| 2. | Jhansi, 6th Aug. | Hume Coll. |
| 7. | Jhansi, 7th Aug. | Hume Coll. |
| 1. | Raipur, C. Provs., 2nd June (*F. R. Blewitt*). | Hume Coll. |
| 1. | Raipur, 15th June (*F. R. B.*). | Hume Coll. |
| 5. | Raipur, 20th June (*F. R. B.*). | Hume Coll. |
| 2. | Raipur, 5th July (*F. R. B.*). | Hume Coll. |
| 1. | Raipur, 15th July (*F. R. B.*). | Hume Coll. |
| 5. | Raipur, 20th July (*F. R. B.*). | Hume Coll. |
| 3. | Monghyr, Bengal. | Prof. Oldham [P.]. |
| 1. | Nilghiri Hills, S. India, May. | Hume Coll. |
| 1. | Kotagherri, Nilghiri Hills, 31st March (*Miss Cockburn*). | Hume Coll. |
| 2. | Ceylon (*E. L. Layard: Tristram Coll.*). | Crowley Bequest. |
| 1. | Tippera, 20th May (*V. Irwin*). | Hume Coll. |
| 1. | Pegu, 24th Aug. (*E. W. Oates*). | Hume Coll. |
| 1. | Pegu, 26th Aug. (*E. W. O.*). | Hume Coll. |
| 1. | Pegu, 26th Aug. (*E. W. O.*). | Seebohm Coll. |
| 1. | Pegu, 25th July (*E. W. O.*). | Oates Coll. |
| 1. | Pegu, 12th Aug. (*E. W. O.*). | Oates Coll. |
| 1. | Pegu, 24th Aug. (*E. W. O.*). | Oates Coll. |

| | | |
|---|---|---|
| 1. | Pegu, 26th Aug. (*E. W. O.*). | Oates Coll. |
| 1. | Pegu, 1st Sept. (*E. W. O.*). | Oates Coll. |
| 2. | Thoungyin River, Tenasserim, 13th July. | Col. C. T. Bingham [P.]. |
| 1. | Salween River, Tenasserim, 15th July (*C. T. Bingham*). | Hume Coll. |
| 3. | Kussoom, Malay Peninsula, 22nd July (*J. Darling, Jun.*). | Hume Coll. |
| 1. | Foochow, China, 21st June. | C. B. Rickett, Esq. [P.]. |
| 1. | Foochow (*R. Swinhoe: Tristram Coll.*). | Crowley Bequest. |

### **Centropus toulou** (*P. L. S. Müller*).

Centropus madagascariensis, *Milne-Edwards & Grandidier, Hist. Nat. Madag., Ois.* p. 179, pl. 302. fig. 4 (1879).
Centropus tolou, *Cowan, Proc. R. Phys. Soc. Edinb.* vii. p. 149 (1882).
Centropus toulou, *Shelley, Cat. Birds B. M.* xix. p. 350 (1891); *Nehrk. Kat. Eiersamml.* p. 172 (1899); *Sharpe, Hand-l.* ii. p. 167 (1900).

Eggs of the Madagascar Coucal measure from 1·1 to 1·32 in length, and from ·91 to 1 in breadth.

| | | |
|---|---|---|
| 3. | Madagascar (*W. T. Gerrard: Tristram Coll.*). | Crowley Bequest. |
| 1. | Tamatave, Madagascar (*W. T. G.: Tristram Coll.*). | Crowley Bequest. |
| 2. | Betsileo, Madagascar. | Rev. W. Deans Cowan [P.]. |
| 2. | Tamala Country, Madagascar (*W. Deans Cowan: Tristram Coll.*). | Crowley Bequest. |

### **Centropus bengalensis** (*Gm.*).

Centrococcyx bengalensis, *Oates ed. Hume, Nests & Eggs Ind. Birds*, ii. p. 406 (1890).
Centropus bengalensis, *Shelley, Cat. Birds B. M.* xix. p. 352 (1891); *Blanf. Fauna Brit. Ind., Birds*, iii. p. 243 (1895); *La Touche, Ibis*, 1898, p. 371; *Sharpe, Hand-l.* ii. p. 167 (1900).

The eggs of the Lesser Indian Coucal measure from 1·05 to 1·3 in length, and from ·9 to 1·07 in breadth.

| | | |
|---|---|---|
| 1. | Sikhim, 15th May (*J. Gammie*). | Hume Coll. |
| 1. | Sikhim, 25th May (*J. G.*). | Hume Coll. |
| 3. | Sikhim, 24th July (*J. G.*). | Hume Coll. |
| 3. | Calcutta, 19th July. | Hume Coll. |
| 4. | Sadiya, Assam, 25th May. | Hume Coll. |
| 4. | Pegu, 29th Aug. (*E. W. Oates*). | Hume Coll. |
| 1. | Pegu, 19th Aug. (*E. W. O.*). | Seebohm Coll. |
| 2. | Pegu, 19th Aug. (*E. W. O.*). | Oates Coll. |
| 55. | South China (*R. Swinhoe*). | Seebohm Coll. |
| 1. | Amoy, China (*R. S.: Tristram Coll.*). | Crowley Bequest. |
| 2. | Formosa (*R. S.: Tristram Coll.*). | Crowley Bequest. |

### Centropus javanicus (*Dumont*).

Centropus affinis, *Thien. Fortpflanz. ges. Vög.* p. 89, tab. xiv. fig. 16 (1845–54).
Centropus javanensis, *Sharpe, P. Z. S.* 1879, p. 328; *Nehrk. Kat. Eiersamml.* p. 173 (1899).
Centropus javanicus, *Shelley, Cat. Birds B. M.* xix. p. 354 (1891).

The eggs of the Java Lesser Coucal measure from 1·05 to 1·21 in length, and from ·91 to 1 in breadth.

| | | |
|---|---|---|
| 2. | Labuan, Borneo, April (*A. Everett*). | Crowley Bequest. |
| 2. | Labuan, July (*A. E.*). | Crowley Bequest. |
| 9. | Labuan. | Sir Hugh Low [C.]. |
| 3. | Alor Island, 27th April. | A. H. Everett, Esq. [C.]. |

### Centropus burchelli, *Swains.*

Centropus superciliosus, *Sharpe, ed. Layard's Birds S. Africa,* p. 163, part. (1875–84).
Centropus senegalensis, *Ayres, Ibis,* 1884, p. 225.
Centropus natalensis, *Shelley, Cat. Birds B. M.* xix. p. 362 (1891); *Nehrk. Kat. Eiersamml.* p. 173 (1899); *Ivy, Ibis,* 1901, p. 28.
Centropus burchelli, *Sharpe, Hand-l.* ii. p. 168 (1900).

Two eggs of the Natal Coucal measure respectively: 1·25 by 1·05; 1·32 by 1·03.

| | | |
|---|---|---|
| 2. | Natal (*T. Ayres*). | Salvin-Godman Coll. |

### Centropus superciliosus, *Hempr. & Ehr.*

Centropus superciliosus, *Shelley, Cat. Birds B. M.* xix. p. 363 (1891); *Nehrk. Kat. Eiersamml.* p. 173 (1899); *Sharpe, Hand-l.* ii. p. 168 (1900).

Two eggs of the White-eyebrowed Coucal measure respectively: 1·33 by ·98; 1·31 by ·97.

| | | |
|---|---|---|
| 1. | East Africa (*Nehrkorn Coll.*). | Crowley Bequest. |
| 1. | East Africa (*Fischer*). | Crowley Bequest. |
| 2. | East Africa. | W. Radcliffe Saunders, Esq. [P.]. |

### Centropus andamanensis, *Tytler.*

Centrococcyx andamanensis, *Oates ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 404 (1890).
Centropus andamanensis, *Shelley, Cat. Birds B. M.* xix. p. 366 (1891); *Blanf. Fauna Brit. Ind., Birds,* iii. p. 242 (1895); *Sharpe, Hand-l.* ii. p. 168 (1900).

Two eggs of the Andaman Coucal measure respectively; 1·3 by 1·1; 1·3 by 1·08.

| | | |
|---|---|---|
| 2. | Port Blair, Andaman Islands, June (*Capt. Wimberley*). | Hume Coll. |

## Sub-Family PHŒNICOPHAINÆ.

The eggs of the Cuckoos of this group are plain white and bear a close resemblance to those of the Coucals. They differ, however, in being rather longer in relation to their breadth, comparatively few specimens being spheroidal in shape.

### Genus **TACCOCUA**, *Less.*

#### Taccocua leschenaulti, *Less.*

Taccocua leschenaulti, *Legge, Birds Ceylon,* p. 266 (1878); *Oates ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 408 (1890); *Blanf. Fauna Brit. Ind., Birds,* iii. p. 237 (1895); *Sharpe, Hand-l.* ii. p. 170 (1900).

Taccocua sirkee, *Oates ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 408 (1890); *Shelley, Cat. Birds B. M.* xix. p. 381 (1891).

The eggs of the Sirkeer Cuckoo measure from 1·25 to 1·55 in length, and from 1·03 to 1·13 in breadth.

| | | |
|---|---|---|
| 3. | Delhi, 6th April (*C. T. Bingham*). | Hume Coll. |
| 3. | Jhansi, 25th June (*F. R. Blewitt*). | Hume Coll. |
| 1. | Jhansi, 18th July (*F. R. B.*). | Hume Coll. |
| 2. | Jhansi, 24th July (*F. R. B.*). | Hume Coll. |
| 1. | Allahabad, 12th April. | Hume Coll. |
| 2. | Allahabad, 3rd July. | Hume Coll. |
| 1. | Chunar, Bengal, 26th May (*W. E. Brooks*). | Hume Coll. |
| 1. | Chunar, 1st June (*W. E. B.: Tristram Coll.*). | Crowley Bequest. |
| 3. | Saugor, C. Provs., 7th July. | Hume Coll. |
| 3. | Saugor, 30th July. | Hume Coll. |
| 1. | Saugor, 30th July (*Tristram Coll.*). | Crowley Bequest. |
| 2. | Saugor, 31st July. | Hume Coll. |
| 1. | Raipur, C. Provs., 10th July. | Hume Coll. |

### Genus **RHOPODYTES**, *Cab. & Heine.*

#### Rhopodytes tristis (*Less.*).

Rhopodytes tristis, *Oates ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 397 (1890); *Shelley, Cat. Birds B. M.* xix. p. 386 (1891); *Blanf. Fauna Brit. Ind., Birds,* iii. p. 232 (1895); *Sharpe, Hand-l.* ii. p. 170 (1900).

The eggs of the Large Green-billed Malkoha measure from 1·25 to 1·6 in length, and from 1 to 1·15 in breadth.

| | | |
|---|---|---|
| 1. | Sikhim, 10th May (*J. Gammie*). | Hume Coll. |
| 2. | Sylhet, 12th May (*J. R. Cripps*). | Hume Coll. |
| 1. | Pegu, 20th June (*E. W. Oates*). | Seebohm Coll. |
| 2. | Pegu, 24th June (*E. W. O.*). | Hume Coll. |

| | | |
|---|---|---|
| 1. | Pegu, 10th Sept. (*E. W. O.*). | Hume Coll. |
| 1. | Pegu, 11th June (*E. W. O.*). | Oates Coll. |
| 2. | Pegu, 16th June (*E. W. O.*). | Oates Coll. |
| 1. | Pegu, 20th June (*E. W. O.*). | Oates Coll. |
| 1. | Pegu, 10th Sept. (*E. W. O.*). | Oates Coll. |
| 4. | Meeawuddy, Tenasserim, 28th Feb. (*C. T. Bingham*). | Hume Coll. |
| 3. | Yeaboo, Tenasserim, 5th March (*C. T. B.*). | Hume Coll. |
| 1. | Yeaboo, 5th March (*C .T. B.*). | Crowley Bequest. |
| 5. | Meplay River, Tenasserim, 19th March (*C. T. B.*). | Hume Coll. |
| 2. | Meplay River, 20th March (*C. T. B.*). | Hume Coll. |
| 1. | Meplay River, 2nd April (*C. T. B.*). | Hume Coll. |
| 3. | Meplay River, 17th April (*C. T. B.*). | Hume Coll. |
| 1. | Taoo, Tenasserim, 18th April (*C. T. B.*). | Hume Coll. |
| 1. | Taoo, 18th April (*C. T. B.*). | Crowley Bequest. |
| 2. | Houndraw, Tenasserim, 21st April (*C. T. B.*). | Hume Coll. |
| 1. | Tavoy District, 20th April (*W. Davison*). | Hume Coll. |

### Genus **RHINOCOCCYX**, *Sharpe*.

### **Rhinococcyx curvirostris** (*Shaw & Nodder*).

Rhinococcyx curvirostris, *Shelley, Cat. Birds B. M.* xix. p. 397 (1891); *Sharpe, Hand-l.* ii. p. 171 (1900).

The eggs of the Curve-billed Malkoha in the Collection measure from 1·07 to 1·15 in length, and from ·9 to ·96 in breadth.

| | | |
|---|---|---|
| 2. | Java. | Crowley Bequest. |
| 2. | W. Java, 28th March. | Crowley Bequest. |

### Genus **COUA**, *Cuv.*

### **Coua cærulea** (*Linn.*).

Coua cærulea, *Milne-Edwards & Grandidier, Hist. Nat. Madag., Ois.* i. p. 148 (1879); *Cowan, Proc. R. Phys. Soc. Edinb.* vii. p. 149 (1882); *Shelley, Cat. Birds B. M.* xix. p. 406 (1891); *Sharpe, Hand-l.* ii. p. 172 (1900).

An egg of the Blue Malkoha measures 1·29 by ·99.

| | | |
|---|---|---|
| 1. | Madagascar (*W. Deans Cowan*). | Crowley Bequest. |

### **Coua reynaudi**, *Pucher*.

Coua reynaudi, *Milne-Edwards & Grandidier, Hist. Nat. Madag., Ois.* i. p. 141 (1879); *Cowan, Proc. R. Phys. Soc. Edinb.* vii. p. 149 (1882); *Shelley, Cat. Birds B. M.* xix. p. 407 (1891); *Sharpe, Hand-l.* ii. p. 173 (1900).

Three eggs of Reynaud's Malkoha measure respectively: 1·36 by 1·06; 1·45 by 1·1; 1·4 by 1·1.

| | | |
|---|---|---|
| 2. | Betsilèo, Madagascar. | Rev. W. Deans Cowan [P.]. |
| 1. | Madagascar. | Crowley Bequest. |

## Sub-Family NEOMORPHINÆ.

The eggs of the Cuckoos of this group resemble those of the *Phœnicophainæ*.

### Genus **CARPOCOCCYX**, *Gray*.

#### **Carpococcyx radiatus** (*Temm.*).

Carpococcyx radiatus, *Shelley, Cat. Birds B. M.* xix. p. 414 (1891); *Sharpe, Hand-l.* ii. p. 173 (1900).

An egg of the Bornean Malkoha in the Collection is elliptical in form, and measures 1·92 by 1·31.

| | | |
|---|---|---|
| 1. | Borneo. | Old Collection. |

### Genus **GEOCOCCYX**, *Wagl.*

#### **Geococcyx mexicanus** (*Gm.*).

Geococcyx californianus, *Baird, Brewer & Ridgw. N. Amer. Birds*, ii. p. 472 (1874); *Bendire, Life-Hist. N. Amer. Birds*, ii. p. 13, pl. i. fig. 2 (1895); *Salv. & Godm. Biol. Centr.-Amer., Aves*, ii. p. 534 (1896).

Geococcyx mexicanus, *Shelley, Cat. Birds B. M.* xix. p. 419 (1891); *Sharpe, Hand-l.* ii. p. 174 (1900).

The eggs of the Road-Runner measure from 1·5 to 1·62 in length, and from 1·18 to 1·22 in breadth.

| | | |
|---|---|---|
| 1. | North America (*Smiths. Inst.*). | Salvin-Godman Coll. |
| 7. | N. America (*Field Coll.*). | Crowley Bequest. |
| 4. | San Diego, California, 5th April. | W. Radcliffe Saunders, Esq. [P.]. |
| 4. | Tucson, Arizona (*J. A. Spring & H. Buchanan: Henshaw Coll.*). | Salvin-Godman Coll. |
| 1. | San Antonio, Texas (*Dr. Ogden*). | Salvin-Godman Coll. |
| 1. | San Antonio (*H. E. Dresser: Tristram Coll.*). | Crowley Bequest. |
| 1. | Matagorda, Mexico (*Berlandier: Tristram Coll.*). | Crowley Bequest. |

#### **Geococcyx affinis**, *Hartl.*

Geococcyx affinis, *Salvin, Ibis*, 1861, p. 67; *Shelley, Cat. Birds B. M.* xix. p. 421 (1891); *Salv. & Godm. Biol. Centr.-Amer., Aves*, ii. p. 536 (1896); *Nehrk. Kat. Eiersamml.* p. 173 (1899); *Sharpe, Hand-l.* ii. p. 174 (1900).

The eggs of the Allied Road-Runner measure from 1·31 to 1·45 in length, and from 1 to 1·08 in breadth.

| | | |
|---|---|---|
| 1. | Mexico (*Nehrkorn Coll.*). | Crowley Bequest. |
| 3. | San Geronimo, Guatemala, 3rd April (*R. Owen*). | Salvin-Godman Coll. |
| 1. | San Geronimo, May (*O. Salvin: Tristram Coll.*). | Crowley Bequest. |

## Sub-Family CROTOPHAGINÆ.

The eggs of the Cuckoos of this group are of a blue colour, more or less covered by a white chalky deposit. They are elliptical in shape.

### Genus **CROTOPHAGA**, *Linn.*

### **Crotophaga major**, *Gm.*

Crotophaga major, *Thien. Fortpflanz. ges. Vög.* p. 91, tab. xv. fig. 8 (nec 10) (1845-54); *Shelley, Cat. Birds B. M.* xix. p. 428 (1891); *Nehrk. Kat. Eiersamml.* p. 173 (1899); *von Ihering, Rev. Mus. Paulista,* iv. p. 263 (1900); *Sharpe, Hand-l.* ii. p. 175 (1900).

An egg of the Greater Ani in the Collection is of a deep blue colour, covered over the larger part of its surface with a thin white deposit. It measures 1·7 by 1·35.

| | | |
|---|---|---|
| 1. | Brazil. | Crowley Bequest. |

### **Crotophaga ani**, *Linn.*

Crotophaga ani, *D'Orb. in De La Sagra's Hist. Cuba, Aves,* pl. xxxi. fig. 22 (1839); *Thien. Fortpflanz. ges. Vög.* p. 90, tab. xv. fig. 9, *a, b* (1845–54); *Gosse, Birds Jamaica,* p. 282 (1847); *A. & E. Newton, Ibis,* 1859, p. 148, pl. xii. fig. 5; *Baird, Brewer & Ridgw. N. Amer. Birds,* ii. p. 488 (1874); *Dalgleish, Proc. R. Phys. Soc. Edinb.* x. p. 81 (1888–90); *Scl. & Huds. Argent. Orn.* ii. p. 31 (1889); *Shelley, Cat. Birds B. M.* xix. p. 429 (1891); *Bendire, Life-Hist. N. Amer. Birds,* ii. p. 6, pl. i. fig. 6 (1895); *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 544 (1896); *Christy, Ibis,* 1897, p. 331; *Nehrk. Kat. Eiersamml.* p. 173 (1899); *von Ihering, Rev. Mus. Paulista,* iv. p. 263 (1900); *Sharpe, Hand-l.* ii. p. 175 (1900).

Many of the eggs of the Black Ani or Savanna Blackbird are of a deep blue colour; others are thickly covered with white chalky matter, which becomes scratched or worn away in places and allows the blue shell beneath to be visible. Specimens measure from 1·26 to 1·48 in length, and from ·9 to 1·1 in breadth.

| | | |
|---|---|---|
| 5. | N. America. | W. Radcliffe Saunders, Esq. [P.]. |
| 1. | Jamaica (*W. Osburn: Tristram Coll.*). | Crowley Bequest. |
| 2. | Jamaica, 11th Aug. | Salvin-Godman Coll. |
| 2. | Jamaica. | Salvin-Godman Coll. |
| 3. | Jamaica. | Rev. Barham Zincke [P.]. |
| 1. | St. Croix, W. Indies (*A. & E. Newton*). | Salvin-Godman Coll. |
| 2. | St. Croix (*A. & E. N.*). | Salvin-Godman Coll. |

| | | |
|---|---|---|
| 1. | St. Croix, 18th June (*A. & E. N.*). | Salvin-Godman Coll. |
| 1. | St. Croix, 2nd July (*A. & E. N.*). | Salvin-Godman Coll. |
| 2. | St. Croix (*A. & E. N.*). | Crowley Bequest. |
| 1. | Cuba (*Tristram Coll.*). | Crowley Bequest. |
| 2. | Grenada, W. Indies (*J. G. Wells*). | Crowley Bequest. |
| 1. | British Guiana. | W. Radcliffe Saunders, Esq. [P.]. |
| 1. | Brazil. | Old Collection. |
| 1. | Iguape, Brazil, Oct. | W. Radcliffe Saunders, Esq. [P.]. |

### **Crotophaga sulcirostris**, *Swains.*

Crotophaga sulcirostris, *Tacz. P. Z. S.* 1877, p. 753; *Shelley, Cat. Birds B. M.* xix. p. 432 (1891); *Bendire, Life-Hist. N. Amer. Birds*, ii. p. 9, pl. i. fig. 7 (1895); *Salv. & Godm. Biol. Centr.-Amer., Aves*, ii. p. 545 (1896); *Nehrk. Kat. Eiersamml.* p. 173 (1899); *Sharpe, Hand-l.* ii. p. 175 (1900).

The eggs of the Groove-billed Ani are covered with a coat of white chalky matter, through scratches in which the blue shell beneath is indistinctly visible. Examples measure from 1·1 to 1·34 in length, and from ·83 to 1·03 in breadth.

| | | |
|---|---|---|
| 2. | Mazatlan, Mexico (*A. Forrer*). | Crowley Bequest. |
| 2. | Tanchico, Mexico, May (*Field Coll.*). | Crowley Bequest. |
| 1. | Yucatan. | Salvin-Godman Coll. |
| 3. | Costa Rica, 9th May. | C. F. Underwood, Esq. [C.]. |

## Genus **GUIRA**, *Less.*

### **Guira guira** (*Gm.*).

(Plate II. fig. 12.)

Crotophaga guira, *Thien. Fortpflanz. ges. Vög.* p. 91, tab. xv. fig. 11 (1845–54); *Nehrk. Kat. Eiersamml.* p. 173 (1899).

Guira piririgua, *Dalgleish, Proc. R. Phys. Soc. Edinb.* viii. p. 87 (1883-5); x. p. 82 (1888–90); *Scl. & Huds. Argent. Orn.* ii. p. 32 (1889); *Holland, Ibis*, 1892, p. 202; *Aplin, Ibis*, 1894, p. 191.

Guira guira, *Shelley, Cat. Birds B. M.* xix. p. 433 (1891); *Sharpe, Hand-l.* ii. p. 175 (1900); *von Ihering, Rev. Mus. Paulista*, iv. p. 263 (1900).

The eggs of the Guira Cuckoo are of a deep blue colour covered with a delicate tracery or irregular network of blotches and lines of white chalky matter of varying thickness. They measure from 1·45 to 1·6 in length, and from 1·12 to 1·24 in breadth. Occasionally a specimen is entirely devoid of chalky matter.

| | | |
|---|---|---|
| 4. | S. America. | W. Radcliffe Saunders, Esq. [P.]. |
| 1. | Uruguay. | A. R. MacKinnon, Esq. [P.]. |
| 3. | Uruguay. | O. V. Aplin, Esq. [P.]. |
| 3. | Uruguay. | Crowley Bequest. |
| 1. | Argentine Republic. | R. Lydekker, Esq. [P.]. |
| 3. | Argentine Republic. | A. H. Holland, Esq. [C.]. |
| 3. | Argentine Republic. | Crowley Bequest. |

# Order SCANSORES.

## Sub-Order *INDICATORES.*

## Family INDICATORIDÆ.

### Genus **INDICATOR**, *Vieill.*

### **Indicator minor**, *Steph.*

Indicator minor, *Sharpe, ed. Layard's Birds S. Africa*, p. 169 (1875–84); *Shelley, Cat. Birds B. M.* xix. p. 9 (1891); *Sharpe, Hand-l.* ii. p. 176 (1900).

The eggs of the Little Honey-Guide in the Collection are white, of an oval form, smooth in texture, with a slight amount of gloss. They measure respectively: ·88 by ·69; ·85 by ·69; ·82 by ·61.

| | | |
|---|---|---|
| 3. | S. Africa. | W. Radcliffe Saunders, Esq. [P.]. |

## Sub-Order *CAPITONES.*

## Family CAPITONIDÆ.

The eggs of the Barbets are plain white. The shell is compact and firm, but has seldom much gloss. They are generally of a regular oval form.

### Genus **TRICHOLÆMA**, *J. & E. Verr.*

### **Tricholæma leucomelan** (*Bodd.*).

Pogonorhynchus leucomelas, *Sharpe, ed. Layard's Birds S. Africa*, p. 173 (1875–84)
Tricholæma leucomelan, *Shelley, Cat. Birds B. M.* xix. p. 31 (1891); *Sharpe, Hand-l.* ii. p. 180 (1900); *Ivy, Ibis*, 1901, p. 22.

An egg of the Pied Barbet in the Collection is of a narrow oval form, slightly rough in texture, and devoid of gloss. It measures ·92 by ·63.

| | | |
|---|---|---|
| 1. | Cape Colony (*T. Atmore: Tristram Coll.*). | Crowley Bequest. |

## Genus **MEGALÆMA**, *Gray*.

### Megalæma virens (*Bodd.*).

Megalæma virens, *Oates ed. Hume, Nests & Eggs Ind. Birds*, ii. p. 319 (1890); *Shelley, Cat. Birds B. M.* xix. p. 52 (1891); *Blanf. Faun. Brit. Ind., Birds*, iii. p. 86 (1895); *Sharpe, Hand-l.* ii. p. 183 (1900).

The eggs of the Great Chinese Barbet are of a broad pointed oval shape, and have only a trace of gloss. Four examples measure respectively: 1·31 by 1·04; 1·32 by 1·03; 1·29 by 1·02; 1·36 by 1.

| | | |
|---|---|---|
| 3. | Meplay River, Tenasserim, 12th Feb. (*C. T. Bingham*). | Hume Coll. |
| 1. | Meplay River, 26th March (*C. T. B.*). | Hume Coll. |

### Megalæma marshallorum, *Swinh.*

Megalæma virens, *Marshall, Mon. Capit.* p. 33 (1871).
Megalæma marshallorum, *Oates ed. Hume, Nests & Eggs Ind. Birds*, ii. p. 318 (1890); *Shelley, Cat. Birds B. M.* xix. p. 53 (1891); *Blanf. Fauna Brit. Ind., Birds*, iii. p. 84 (1895); *Sharpe, Hand-l.* ii. p. 183 (1900).

An egg of the Great Himalayan Barbet in the Collection resembles those of *M. virens*, and measures 1·35 by 1·01.

| | | |
|---|---|---|
| 1. | Sikhim, 4000 ft., 20th May (*J. Gammie*). | Hume Coll. |

## Genus **CYANOPS**, *Bp.*

The eggs of the Barbets of this genus are generally devoid of gloss. They vary in shape, every considerable series containing specimens which are oval, elliptical or even biconical in form.

### Cyanops asiatica (*Lath.*)

Megalæma asiatica, *Marshall, Mon. Capit.* p. 63 (1871).
Cyanops asiatica, *Oates ed. Hume, Nests & Eggs Ind. Birds*, ii. p. 320 (1890); *Shelley, Cat. Birds B. M.* xix. p. 62 (1891); *Blanf. Fauna Brit. Ind., Birds*, iii. p. 92 (1895); *Sharpe, Hand-l.* ii. p. 184 (1900).

The eggs of the Blue-faced Barbet measure from 1·03 to 1·13 in length, and from ·79 to ·87 in breadth.

| | | |
|---|---|---|
| 2. | Sikhim. | Crowley Bequest. |
| 5. | Darjiling, Sikhim, May. | Hume Coll. |
| 7. | Mongphoo, Darjiling (*J. Gammie*). | Hume Coll. |
| 1. | Calcutta, 11th April. | Hume Coll. |
| 1. | Calcutta, 3rd May. | Hume Coll. |
| 1. | Calcutta, 30th May. | Hume Coll. |
| 2. | Calcutta, 4th June. | Hume Coll. |
| 2. | Calcutta, 8th May. | Crowley Bequest. |

### **Cyanops davisoni** (*Hume*).

Cyanops davisoni, *Oates ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 321 (1890); *Shelley, Cat. Birds B. M.* xix. p. 65 (1891); *Blanf. Fauna Brit. Ind., Birds,* iii. p. 93 (1895); *Sharpe, Hand-l.* ii. p. 184 (1900).

Three eggs of Davison's Barbet measure respectively: 1·12 by ·8; 1·12 by ·8; 1·07 by ·78. They are very glossy.

| | | |
|---|---|---|
| 2. | Meplay River, Tenasserim, 16th March (*C. T. Bingham*). | Hume Coll. |
| 1. | Meplay River, 28th March (*C. T. B.*). | Hume Coll. |

### **Cyanops franklini** (*Blyth*).

Megalæma franklini, *Marshall, Mon. Capit.* p. 51 (1871).
Cyanops franklini, *Oates ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 322 (1890); *Shelley, Cat. Birds B. M.* xix. p. 69 (1891); *Blanf. Fauna Brit. Ind., Birds,* iii. p. 96 (1895); *Sharpe, Hand-l.* ii. p. 184 (1900).

An egg of the Golden-throated Barbet in the Collection measures 1·11 by ·82.

| | | |
|---|---|---|
| 1. | Darjiling, Sikhim, 5th Aug. (*L. Mandelli*). | Hume Coll. |

## Genus **THEREICERYX**, *Blanford.*

### **Thereiceryx zeylonicus** (*Gm.*).

Megalæma inornata, *Marshall, Mon. Capit.* p. 89 (1871).
Megalæma caniceps, *Marshall, t. c.* p. 91.
Megalæma zeylanica, *Marshall, t. c.* p. 95; *Legge, Birds Ceylon,* p. 208 (1878).
Cyanops caniceps, *Oates ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 322 (1890); *Shelley, Cat. Birds B. M.* xix. p. 78 (1891).
Cyanops zeylonica, *Oates ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 324 (1890).
Thereiceryx zeylonicus, *Blanf. Faun. Brit. Ind., Birds,* iii. p. 86 (1895); *Sharpe, Hand-l.* ii. p. 185 (1900).

Eggs of the Common Indian Green Barbet are slightly glossy, an measure from 1·1 to 1·3 in length, and from ·84 to ·95 in breadth.

| | | |
|---|---|---|
| 1. | India. | Crowley Bequest. |
| 2. | India. | Hume Coll. |
| 1. | Lucknow, 21st April (*G. Reid*). | Hume Coll. |
| 3. | Sitapur, Oudh, 7th April (*C. R. Cock*). | Hume Coll. |
| 1. | Sitapur, 9th April (*C. R. C.*). | Hume Coll. |
| 3. | Allahabad, 10th April. | Hume Coll. |

### Thereiceryx lineatus (*Vieill.*).

Megalæma hodgsoni, *Marshall, Mon. Capit.* p. 85 (1871).
Megalæma lineata, *Marshall, t. c.* p. 88.
Cyanops lineata, *Oates ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 325 (1890); *Shelley, Cat. Birds B. M.* xix. p. 80 (1891).
Thereiceryx lineatus, *Blanf. Fauna Brit. Ind., Birds,* iii. p. 88 (1895); *Sharpe, Hand-l.* ii. p. 185 (1900).

The eggs of the Lineated Barbet are devoid of gloss. Four eggs of the Continental race of this Barbet measure respectively: 1·35 by ·88; 1·36 by ·88; 1·3 by ·92; 1·25 by ·95. Three of the smaller Burmese bird measure respectively: 1·13 by ·84; 1·19 by ·82; 1·15 by ·82.

| | | |
|---|---|---|
| 3. | Sikhim Terai, 6th May. | Hume Coll. |
| 1. | Sylhet (*J. R. Cripps*). | Hume Coll. |
| 3. | Sinzaway, Tenasserim, 25th March (*C. T. Bingham*). | Hume Coll. |

### Thereiceryx viridis (*Bodd.*).

Megalæma viridis, *Marshall, Mon. Capit.* p. 81 (1871).
Cyanops viridis, *Oates ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 325 (1890); *Shelley, Cat. Birds B. M.* xix. p. 83 (1891).
Thereiceryx viridis, *Blanf. Fauna Brit. Ind., Birds,* iii. p. 89 (1895); *Sharpe, Hand-l.* ii. p. 185 (1900).

The eggs of the Small Green Barbet are slightly glossy, and measure from 1·07 to 1·22 in length, and from ·75 to ·96 in breadth.

| | | |
|---|---|---|
| 1. | India. | W. Radcliffe Saunders, Esq. [P.]. |
| 3. | Belgaum (*E. A. Butler*). | Crowley Bequest. |
| 3. | Belgaum, India, 6th Feb. (*E. A. B.*). | Hume Coll. |
| 6. | Belgaum, 23rd March (*E. A. B.*). | Hume Coll. |
| 4. | Nilghiri Hills, S. India. | Hume Coll. |
| 1. | Nilghiri Hills (*Nehrkorn Coll.*). | Crowley Bequest. |
| 1. | Nilghiri Hills. | Crowley Bequest. |
| 1. | Kotagherri, Nilghiri Hills, 20th May (*Miss Cockburn*). | Hume Coll. |
| 3. | Curzon, Nilghiri Hills, 30th April (*J. Darling*. | Hume Coll. |
| 3. | Curzon, 4th May (*J. D.*). | Hume Coll. |
| 2. | Coonoor, Nilghiri Hills, 15th March (*J. D.*). | Hume Coll. |
| 2. | Coonoor, Nilghiri Hills, 25th March (*J. D.*). | Hume Coll. |
| 3. | Coonoor, 3rd April (*J. D., Jun.*). | Hume Coll. |

## Genus **MESOBUCCO**, *Shelley*.

### Mesobucco cyanotis (*Blyth*).

Megalæma cyanotis, *Marshall, Mon. Capit.* p. 77 (1871).
Mezobucco cyanotis, *Oates ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 328 (1890).

Mesobucco cyanotis, *Shelley, Cat. Birds B. M.* xix. p. 87 (1891); *Sharpe, Hand-l.* ii. p. 185 (1900).
Cyanops cyanotis, *Blanf. Fauna Brit. Ind., Birds,* iii. p. 95 (1895).

The eggs of the Blue-eared Barbet are of a lengthened elliptical shape and devoid of gloss. They measure from ·85 to 1 in length, and from ·65 to ·7 in breadth.

| | | |
|---|---|---|
| 2. | Wimjeo River, Tenasserim, 12th Feb. (*C. T. Bingham*). | Hume Coll. |
| 3. | Tavoy, 15th April (*J. Darling*). | Hume Coll. |

## Genus XANTHOLÆMA, *Bp.*

### Xantholæma hæmatocephalum (*P. L. S. Müll.*).

Xantholæma hæmacephala, *Marshall, Mon. Capit.* p. 101 (1871); *Legge, Birds Ceylon,* p. 218 (1878); *Oates ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 329 (1890).
Xantholæma hæmatocephala, *Shelley, Cat. Birds B. M.* xix. p. 89 (1891); *Blanf. Fauna Brit. Ind., Birds,* iii. p. 98 (1895).
Xantholæma hæmatocephalum, *Sharpe, Hand-l.* ii. pp. 185, 238 (1900).

The eggs of the Crimson-breasted Barbet are usually of a lengthened cylindrical shape, and exhibit a small amount of gloss. They measure from ·87 to 1·07 in length, and from ·62 to ·72 in breadth.

| | | |
|---|---|---|
| 1. | India. | W. Radcliffe Saunders, Esq. [P.]. |
| 2. | Hansi, Punjab, 25th April. | Hume Coll. |
| 1. | Allahabad. | Hume Coll. |
| 1. | Lucknow, 17th March. | Hume Coll. |
| 2. | Lucknow, 24th March. | Hume Coll. |
| 2. | Bareilly, 8th May. | Hume Coll. |
| 2. | Bareilly, 9th May. | Hume Coll. |
| 2. | Bareilly, 12th May. | Hume Coll. |
| 1. | Bareilly, 15th May. | Hume Coll. |
| 1. | Bareilly, 20th May. | Hume Coll. |
| 2. | Chupra, Bengal, 21st March. | Hume Coll. |
| 1. | Central India (*R. C. Beavan*). | Crowley Bequest. |
| 4. | Raipur, C. Provs. (*F. R. Blewitt*). | Hume Coll. |
| 1. | Pegu, 6th March (*E. W. Oates*). | Oates Coll. |
| 1. | Pegu, 20th March (*E. W. O.*). | Oates Coll. |
| 1. | Pegu, April (*E. W. O.*). | Hume Coll. |
| 1. | Pegu, April (*E. W. O.*). | Seebohm Coll. |
| 1. | Pegu, 1st April (*E. W. O.*). | Oates Coll. |
| 1. | Pegu, 5th April (*E. W. O.*). | Oates Coll. |
| 1. | Pegu, 1st May (*E. W. O.*). | Hume Coll. |

### Xantholæma malabaricum (*Blyth*).

Xantholæma malabarica, *Marshall, Mon. Capit.* p. 111 (1871); *Oates ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 332 (1890); *Shelley, Cat. Birds B. M.* xix. p. 95 (1891); *Blanf. Fauna Brit. Ind., Birds,* iii. p. 99 (1895).
Xantholæma malabaricum, *Sharpe, Hand-l.* ii. p. 186 (1900).

An egg of the Crimson-throated Barbet is of a lengthened cylindrical shape and devoid of gloss. It measures ·98 by ·65.

| | | |
|---|---|---|
| 1. | Travancore, S. India, 6th March (*F. W. Bourdillon*). | Hume Coll. |

## Sub-Order *RHAMPHASTIDES.*

## Family RHAMPHASTIDÆ.

### Genus **PTEROGLOSSUS**, *Illig.*

### **Pteroglossus flavirostris**, *Fraser.*

Pteroglossus flavirostris, *Scl. Cat. Birds B. M.* xix. p. 144 (1891); *Nehrk. Kat. Eiersamml.* p. 169 (1899); *von Ihering, Rev. Mus. Paulista*, iv. p. 262 (1900); *Sharpe, Hand-l.* ii. p. 190 (1900).

An egg of the Yellow-billed Toucan in the Collection is elliptical in shape, the ends being somewhat pointed, moderately glossy, and plain white. The shell is smooth, but is covered with shallow pores and longitudinal furrows or grooves, extending more or less from one end of the egg to the other. It measures 1·3 by ·92.

| | | |
|---|---|---|
| 1. | Peru (*Nehrkorn Coll.*). | Crowley Bequest. |

## Order PICIFORMES.

## Sub-Order *BUCCONES.*

## Family BUCCONIDÆ.

### Genus **BUCCO**, *Briss.*

### **Bucco maculatus** (*Gm.*).

Bucco maculatus, *Scl. Mon. Jacam. & Puff-birds*, p. 99 (1879–82); *id. & Huds. Argent. Orn.* ii. p. 30 (1889); *Scl. Cat. Birds B. M.* xix. p. 190 (1891); *Sharpe, Hand-l.* ii. p. 197 (1900).

Two eggs in the Collection, said to be those of the Spotted Puff-bird, are of a somewhat narrow oval shape, smooth in texture, devoid of gloss and plain white. They measure respectively: 1·21 by ·83; 1·23 by ·86.

| | | |
|---|---|---|
| 2. | Argentine Republic. | Crowley Bequest. |

### Genus **MONASA**, *Vieill.*

#### **Monasa nigrifrons** (*Spix*).

Monacha nigrifrons, *Scl. Mon. Jacam. & Puff-birds*, p. 159 (1879-82); *id. Cat. Birds B. M.* xix. p. 206 (1891); *Nehrk. Kat. Eiersamml.* p. 170 (1899); *von Ihering, Rev. Mus. Paulista*, iv. p. 261 (1900).
Monasa nigrifrons, *Sharpe, Hand-l.* ii. p. 200 (1900).

An egg of the Black-fronted Puff-bird in the Collection is spheroidal in shape, smooth in texture, glossy and of a white colour. It measures 1·03 by ·9.

| | | |
|---|---|---|
| 1. | Peru (*Nehrkorn Coll.*). | Crowley Bequest. |

### Genus **CHELIDOPTERA**, *Gould.*

#### **Chelidoptera tenebrosa** (*Pall.*).

Chelidoptera tenebrosa, *Scl. & Salv. P. Z. S.* 1866, p. 192; 1867, p. 583; *Scl. Mon. Jacam. & Puff-birds*, p. 161 (1879–82); *id. Cat. Birds B. M.* xix. p. 207 (1891); *Sharpe, Hand-l.* ii. p. 200 (1900).

The eggs of the Smaller Swallow-wing are spheroidal in shape, smooth in texture, glossy and of a white colour. Three examples measure respectively: ·99 by ·77; ·93 by ·75; ·93 by ·8.

| | | |
|---|---|---|
| 2. | Ucayali River, E. Peru, 10th Sept. (*E. Bartlett*). | P. L. Sclater, Esq. [P.]. |
| 1. | Ucayali River (*E. B.*). | Crowley Bequest. |

## Sub-Order *PICI.*

The eggs of the Woodpeckers are typically of a broad oval form, but some are of an elliptical and others of a spheroidal shape. They are always plain white. The shell is fine and smooth, and in most cases exhibits a large amount of gloss.

# Family PICIDÆ.

## Sub-Family PICINÆ.

### Genus **GEOCOLAPTES**, *Swains.*

#### **Geocolaptes olivaceus** (*Gm.*).

Geocolaptes olivaceus, *Sharpe, ed. Layard's Birds S. Africa*, p. 187 (1875–84); *Butler, Feilden & Reid, Zool.* 1882, p. 208; *Hargitt, Cat. Birds B. M.* xviii. p. 9 (1890); *Sharpe, Hand-l.* ii. p. 200 (1900).

The eggs of the Ground Woodpecker in the Collection are excessively glossy and measure respectively: 1·08 by ·85; 1·09 by ·82; 1·11 by ·79; 1·12 by ·82.

| | | |
|---|---|---|
| 4. | Newcastle, Natal, 2nd Aug. (*E. A. Butler*). | Crowley Bequest. |

## Genus **COLAPTES**, *Swains.*

The eggs of the Woodpeckers of this genus are highly glossy.

### **Colaptes luteus**, *Bangs.*

Colaptes auratus (*nec Linn.*), *Ross, Nat. Hist. Rev.* 1862, p. 278; *id. Canad. Nat.* vii. p. 143 (1862); *Blakiston, Ibis,* 1862, p. 3; *Baird, Brewer & Ridgw. N. Amer. Birds,* ii. p. 575, part. (1874); *Coues, Birds N.-West,* p. 292 (1874); *Hargitt, Cat. Birds B. M.* xviii. p. 12, part. (1890); *Bendire, Life-Hist. N.-Amer. Birds,* ii. p. 129 (1895).
Colaptes auratus luteus, *Bangs, Auk,* xv. p. 177 (1898).
Colaptes luteus, *Sharpe, Hand-l.* ii. p. 201 (1900).

The eggs of the Golden-winged Woodpecker measure from 1 to 1·23 in length, and from ·78 to ·91 in breadth.

| | | |
|---|---|---|
| 1. | North America. | Salvin-Godman Coll. |
| 11. | North America (*Henshaw Coll.*). | Salvin-Godman Coll. |
| 2. | North America (*Montreal Mus.: Hargitt Coll.*). | Seebohm Coll. |
| 6. | Fort Simpson, Mackenzie River District. | B. R. Ross, Esq. [P.]. |
| 6. | Great Slave Lake, 9th June (*L. Clarke, Jun.: Tristram Coll.*). | Crowley Bequest. |
| 7. | Fort Rae, Great Slave Lake, 20th June (*L. Clarke, Jun.: Smiths. Inst.*). | Salvin-Godman Coll. |
| 1. | Carlton, Canada, 1st June (*T. W. Blakiston*). | Salvin-Godman Coll. |
| 4. | Pennsylvania (*Hargitt Coll.*). | Seebohm Coll. |
| 6. | New York, 17th May. | W. Radcliffe Saunders, Esq. [P.]. |
| 6. | Highland Falls, New York, 21st May (*E. A. Mearns: Hargitt Coll.*). | Seebohm Coll. |
| 4. | Madison, Connecticut. | Crowley Bequest. |
| 28. | Princeton, New Jersey (*W. E. D. Scott*). | Princeton University, N. J. [E.]. |
| 8. | Princeton, 10th May (*W. E. D. S.*). | |
| 7. | Princeton, 13th May (*W. E. D. S.*). | |
| 7. | Princeton, 16th May (*W. E. D. S.*). | |
| 10. | Princeton, 27th May (*W. E. D. S.*). | |

### **Colaptes collaris**, *Vig.*

Colaptes mexicanus (*nec Swains.*), *Lord, Proc. R. A. Inst. Woolwich,* iv. p. 337 (1865); *Baird, Brewer & Ridgw. N. Amer. Birds,* ii. p. 578, part. (1874); *Hargitt, Cat. Birds B. M.* xviii. p. 17, part. (1890).

Colaptes cafer, *Bendire, Life-Hist. N. Amer. Birds,* ii. p. 129, part (1895).
Colaptes cafer collaris, *Nelson, Auk,* xvii. p. 123 (1900).
Colaptes collaris, *Sharpe, Hand-l.* ii. p. 201 (1900).

The eggs of the Red-shafted Woodpecker vary from 1·05 to 1·26 in length, and from ·84 to ·92 in breadth.

| | | |
|---|---|---|
| 5. | Monterey, California (*C. A. Caufield: Henshaw Coll.*). | Salvin-Godman Coll. |
| 3. | Monterey, May (*C. A. Caufield: Tristram Coll.*). | Crowley Bequest. |
| 6. | San Diego, California, 1st May. | W. Radcliffe Saunders, Esq. [P.]. |
| 2. | California (*Smiths. Inst.*). | Salvin-Godman Coll. |
| 3. | British Columbia, July. | J. K. Lord, Esq. [P.]. |
| 4. | Fort Colville, Columbia River. | Gould Coll. |
| 3. | Esquimalt, Vancouver Island. | Crowley Bequest. |

### **Colaptes campestris** (*Vieill.*).

Colaptes campestris, *Dalgleish, Proc. Roy. Phys. Soc. Edin.* x. p. 80 (1888–90); *Hargitt, Cat. Birds B. M.* xviii. p. 23 (1890); *Nehrk. Kat. Eiersamml.* p. 164 (1899); *von Ihering, Rev. Mus. Paulista,* iv. p. 258 (1900); *Sharpe, Hand-l.* ii. p. 201 (1900).

Two eggs of the Field Woodpecker in the Collection measure respectively: 1·12 by ·9; 1·11 by ·9.

| | | |
|---|---|---|
| 2. | Brazil, 30th Sept. | Crowley Bequest. |

### **Colaptes agricola** (*Malh.*).

Colaptes agricola, *Dalgleish, Proc. Roy. Phys. Soc. Edin.* viii. p. 87 (1883–85); *Scl. & Huds. Argent. Orn.* ii. p. 24 (1889); *Hargitt, Cat. Birds B. M.* xviii. p. 25 (1890); *Aplin, Ibis,* 1894, p. 189, pl. v. fig. 6; *Nehrk. Kat. Eiersamml.* p. 164 (1899); *Sharpe, Hand-l.* ii. p. 201 (1900).

Six eggs of the Pampas Woodpecker measure respectively: 1·14 by ·88; 1·14 by ·91; 1·15 by ·9; 1·1 by ·9; 1·1 by ·91; 1·11 by ·91.

| | | |
|---|---|---|
| 4. | Uruguay, Nov. | O. V. Aplin, Esq. [P.]. |
| 2. | Argentine Republic. | Crowley Bequest. |

### **Colaptes pitius** (*Mol.*).

Colaptes pitius, *Hargitt, Cat. Birds B. M.* xviii. p. 28 (1890); *James, New List Chilian Birds,* p. 5 (1892); *Nehrk. Kat. Eiersamml.* p. 164 (1899); *Sharpe, Hand-l.* ii. p. 202 (1900).

Three eggs of the Chilian Woodpecker measure respectively: 1·15 by ·86; 1·21 by ·9; 1·21 by ·87.

| | | |
|---|---|---|
| 3. | Central Chile, Oct. | Berkeley James Coll. |

## Genus **HYPOXANTHUS**, *Bp.*

### **Hypoxanthus brevirostris**, *Tacz.*

Hypoxanthus rivolii (*nec Boiss.*), *Scl. & Salv. P. Z. S.* 1879, p. 533.
Hypoxanthus brevirostris, *Hargitt, Cat. Birds B. M.* xviii. p. 31 (1890); *Sharpe, Hand-l.* ii. p. 202 (1900).

An egg of the Short-billed Woodpecker in the Collection is of a narrow oval form and very glossy. It measures 1·25 by ·85.

| | | |
|---|---|---|
| 1. | Santa Elena, Antioquia, U.S. Colombia (*T. K. Salmon*). | Salvin-Godman Coll. |

## Genus **GECINUS**, *Boie.*

The eggs of the Woodpeckers of this genus are very glossy.

### **Gecinus viridis** (*Linn.*).

Picus viridis, *Thien. Fortpflanz. ges. Vög.* p. 99, tab. xiii. fig. 14, *a b* (1845–54); *Hewitson, Eggs of Brit. Birds*, i. p. 239, pl. lxi. fig. ii (1856).
Gecinus viridis, *Baedeker, Eier Eur. Vög.* tab. 11. fig. 1 (1855–63); *Dresser, Birds Eur.* v. p. 77 (1871); *Seebohm, Brit. Birds*, ii. p. 364, pl. 18 (1884); *Hargitt, Cat. Birds B. M.* xviii. p. 36 (1890); *Seebohm, Eggs of Brit. Birds*, p. 172, pl. 48. fig. 15 (1896); *Sharpe, Hand-l.* ii. p. 202 (1900).

The eggs of the Green Woodpecker measure from 1·2 to 1·4 in length, and from ·9 to ·95 in breadth.

| | | |
|---|---|---|
| 1. | England. | R. T. Frere, Esq. [P.]. |
| 8. | England. | Seebohm Coll. |
| 4. | Banks of the Ouse, Hunts, 4th June (*G. Dawson Rowley*). | Crowley Bequest. |
| 2. | Elveden, Norfolk, 20th May. | Salvin-Godman Coll. |
| 2. | Devonshire. | Montagu Museum. |
| 3. | New Forest, Hampshire (*H. Saunders*). | Seebohm Coll. |
| 3. | New Forest. | Seebohm Coll. |
| 6. | New Forest, June (*C. B. Wharton*). | Seebohm Coll. |
| 3. | New Forest, 7th June. | Salvin-Godman Coll. |
| 3. | Hendon, Middlesex (*O. S.*). | Salvin-Godman Coll. |
| 2. | Southgate, Middlesex (*O. S.*). | Salvin-Godman Coll. |
| 2. | Caen Wood, Hampstead (*O. S.*). | Salvin-Godman Coll. |
| 3. | Farnham, Surrey. | Seebohm Coll. |
| 6. | Farnham, May. | Seebohm Coll. |
| 6. | Churt, Surrey, May. | Crowley Bequest. |
| 7. | Churt, June. | Crowley Bequest. |
| 2. | Livonia, Baltic Provs., 14th May (*Russow*). | Seebohm Coll. |
| 6. | Stolp, Pomerania, 21st May (*T. Holland*). | Seebohm Coll. |

### Gecinus sharpei, *Saunders.*

Gecinus viridis, *apud Saunders, Ibis,* 1871, p. 65.
Gecinus sharpei, *Dresser, Birds Eur.* v. p. 89 (1872); *Bree, Birds Eur.* 2nd ed. iv. p. 74, pl. — (1875); *Hargitt, Cat. Birds B. M.* xviii. p. 40 (1890); *Sharpe, Hand-l.* ii. p. 202 (1900).

The eggs of Sharpe's Green Woodpecker vary from 1·15 to 1·23 in length, and from ·85 to ·95 in breadth.

| | | |
|---|---|---|
| 4. | Spain. | Crowley Bequest. |
| 1. | Spain, 4th May (*H. Saunders*). | Seebohm Coll. |
| 2. | Aranjuez, Spain, 4th May (*H. S.*). | Seebohm Coll. |
| 2. | Aranjuez, 4th May (*H. S.*). | Seebohm Coll. |
| 2. | Aranjuez, 5th May (*H. S.*). | Seebohm Coll. |
| 4. | Seville, 12th May (*J. J. Dalgleish*). | Crowley Bequest. |

### Gecinus vaillanti (*Malh.*).

Gecinus levaillantii, *Salvin, Ibis,* 1859, p. 315.
Gecinus vaillanti, *Dresser, Birds Eur.* v. p. 93 (1873); *Hargitt, Cat. Birds B. M.* xviii. p. 41 (1890); *Nehrk. Kat. Eiersamml.* p. 165 (1899); *Sharpe, Hand-l.* ii. p. 202 (1900).

The eggs of the Algerian Green Woodpecker measure from 1·16 to 1·3 in length, and from ·84 to ·96 in breadth.

| | | |
|---|---|---|
| 2. | Kef Laks, Algeria, 21st April (*H. B. Tristram*). | Crowley Bequest. |
| 1. | Kef Laks, 21st April (*O. Salvin*). | Salvin-Godman Coll. |
| 2. | Algeria (*Noury: Hargitt Coll.*). | Seebohm Coll. |
| 6. | Morocco, 11th Aug. (*Field Coll.*). | Crowley Bequest. |
| 7. | Morocco, 11th May (*Field Coll.*). | Crowley Bequest. |

### Gecinus awokera (*Temm.*)

Picus awokera, *Seebohm, Birds Japan. Emp.* p. 147 (1890).
Gecinus awokera, *Hargitt, Cat. Birds B. M.* xviii. p. 41; *Nehrk. Kat. Eiersamml.* p. 165 (1899); *Sharpe, Hand-l.* ii. p. 202 (1900).

Two eggs of the Japanese Green Woodpecker in the Collection measure respectively: 1·1 by ·85; 1·1 by ·85.

| | | |
|---|---|---|
| 2. | Hondo, Japan, 26th May. | Crowley Bequest. |

### Gecinus squamatus (*Vig.*).

Gecinus squamatus, *Hargitt, Cat. Birds B. M.* xviii. p. 43 (1890); *Oates ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 297 (1890); *Blanf. Fauna Brit. Ind., Birds,* iii. p. 19 (1895); *Sharpe, Hand-l.* ii. p. 202 (1900).

The eggs of the Scaly-bellied Green Woodpecker measure from 1·12 to 1·34 in length, and from ·85 to ·99 in breadth.

| | | |
|---|---|---|
| 1. | Murri, N.W. Himalayas, 21st April (*C. H. T. Marshall*). | Crowley Bequest. |
| 2. | Murri, 4th June (*C. H. T. M.*). | Crowley Bequest. |
| 4. | Kumaon, Himalayas, April (*R. Thompson*). | Hume Coll. |
| 5. | Kotegurh, Himalayas, 13th April. | Hume Coll. |

### Gecinus striolatus (*Blyth*).

Gecinus striolatus, *Legge, Birds Ceylon,* p. 194 (1878); *Hargitt, Cat. Birds B. M.* xviii. p. 50 (1890); *Oates ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 298 (1890); *Blanf. Fauna Brit. Ind., Birds,* iii. p. 20 (1895); *Sharpe, Hand-l.* ii. p. 203 (1900).

Two eggs of the Lesser Indian Green Woodpecker measure respectively: 1·05 by ·76; 1·06 by ·73.

| | | |
|---|---|---|
| 1. | Kotegurh, Himalayas, 18th May. | Hume Coll. |
| 1. | Kotagherri, Nilghiri Hills, 6th May (*Miss Cockburn*). | Hume Coll. |

### Gecinus canus (*Gm.*).

Picus canus, *Thien. Fortpflanz. ges. Vög.* p. 101, tab. xiii. fig. 15 (1845–54); *Bree, Birds Eur.* iii. p. 136, pl. — (1867).

Gecinus canus, *Baedeker, Eier Eur. Vög.* tab. 11. fig. 2 (1855–63); *Dresser, Birds Eur.* v. p. 95 (1872); *Bree, t. c.* 2nd ed. iv. p. 69 pl. — (1875); *Hargitt, Cat. Birds B. M.* xviii. p. 52 (1890); *Sharpe, Hand-l.* ii. p. 203 (1900).

Eggs of the Grey-headed Green Woodpecker measure from 1 to 1·14 in length, and from ·78 to ·87 in breadth.

| | | |
|---|---|---|
| 1. | Europe (*Tristram Coll.*). | Crowley Bequest. |
| 4. | Europe (*Field Coll.*). | Crowley Bequest. |
| 3. | Norway, 26th May. | Seebohm Coll. |
| 2. | Vosges, France, 25th July (*Mougel: Hargitt Coll.*). | Seebohm Coll. |
| 5. | Styria (*E. Seidensacher*). | Seebohm Coll. |
| 5. | Styria (*E. S.*). | Seebohm Coll. |
| 2. | Cilli, Styria, 30th April (*E. S.*). | Salvin-Godman Coll. |
| 2. | Russia (*Tristram Coll.*). | Crowley Bequest. |

### Gecinus guerini (*Malh.*).

Gecinus guerini, *Hargitt, Cat. Birds B. M.* xviii. p. 55 (1890); *Nehrk. Kat. Eiersamml.* p. 165 (1899); *La Touche, Ibis,* 1900, p. 42; *Sharpe, Hand-l.* ii. p. 203 (1900).

The eggs of Guérin's Woodpecker measure from 1·1 to 1·15 in length, and from ·85 to ·9 in breadth.

| | | |
|---|---|---|
| 6. | Kuatun, N.W. Fohkien, China, 6th May (*J. D. La Touche*). | C. B. Rickett, Esq. [P.]. |
| 5. | Kuatun, 24th May (*J. D. La T.*). | C. B. Rickett, Esq. [P.]. |

### Gecinus oocipitalis (*Vig.*).

Gecinus occipitalis, *Hargitt, Cat. Birds B. M.* xviii. p. 56 (1890); *Oates ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 299 (1890); *Blanf. Fauna Brit. Ind., Birds,* iii. p. 22 (1895); *Sharpe, Hand-l.* ii. p. 203 (1900).

The eggs of the Black-naped Green Woodpecker measure from ·97 to 1·32 in length, and from ·83 to ·92 in breadth.

| | | |
|---|---|---|
| 2. | Murri, N.W. Himalayas, 20th April (*C. H. T. Marshall*). | Crowley Bequest. |
| 1. | Murri, 31st May (*C. H. T. M.*). | Hume Coll. |
| 8. | Sikhim. | Hume Coll. |
| 2. | Sadiya, Assam. | Hume Coll. |
| 1. | Pegu, 6th May (*E. W. Oates*). | Hume Coll. |
| 7. | Pegu, 7th May (*E. W. O.*). | Hume Coll. |
| 1. | Pegu, 7th May (*E. W. O.*). | Seebohm Coll. |
| 1. | Pegu, 14th May (*E. W. O.*). | Seebohm Coll. |
| 1. | Meplay River, Tenasserim, 26th March (*C. T. Bingham*). | Hume Coll. |
| 1. | Thoungyin River, Tenasserim, 11th April (*C. T. B.*). | Hume Coll. |
| 5. | Sinzaway, Tenasserim, 28th April (*C. T. B.*). | Hume Coll. |

### **Gecinus chlorolophus** (*Vieill.*).

Gecinus chlorolophus, *Hargitt, Cat. Birds B. M.* xviii. p. 59 (1890); *Oates ed. Hume, Nests & Eggs Ind. Birds*, ii. p. 300 (1890); *Blanf. Fauna Brit. Ind., Birds*, iii. p. 23 (1895); *Sharpe, Hand-l.* ii. p. 203 (1900).

The eggs of the Lesser Yellow-naped Woodpecker in the Collection measure respectively: ·97 by ·75; ·99 by ·72; 1·01 by ·72.

| | | |
|---|---|---|
| 3. | Darjiling, Sikhim, 25th May. | Hume Coll. |

### **Gecinus nigrigenis**, *Hume*.

Gecinus nigrigenis, *Hargitt, Cat. Birds B. M.* xviii. p. 67 (1890); *Oates ed. Hume, Nests & Eggs Ind. Birds*, ii. p. 300 (1890); *Blanf. Fauna Brit. Ind., Birds*, iii. p. 26 (1895); *Sharpe, Hand-l.* ii. p. 204 (1900):

Two eggs of the Red-rumped Green Woodpecker in the Collection measure respectively: 1·16 by ·81; 1·16 by ·8.

| | | |
|---|---|---|
| 2. | Thoungyin River, Tenasserim, 18th March (*C. T. Bingham*). | Hume Coll. |

## Genus **CHLORONERPES**, *Swains.*

### **Chloronerpes aurulentus** (*Temm.*).

Chloronerpes aurulentus, *Scl. & Huds. Argent. Orn.* ii. p. 21 (1889); *Hargitt, Cat. Birds B. M.* xviii. p. 79 (1890); *Nehrk. Kat. Eiersamml.* p. 165 (1899); *von Ihering, Rev. Mus. Paulista*, iv. p. 258 (1900); *Sharpe, Hand-l.* ii. p. 204 (1900).

Two eggs of the Gold-backed Woodpecker in the Collection are moderately glossy, and measure respectively: ·97 by ·7; ·95 by ·7.

| | | |
|---|---|---|
| 2. | Argentine Republic. | Crowley Bequest. |

## Genus **CHRYSOPTILUS**, *Swains.*

### Chrysoptilus cristatus (*Vieill.*).

Chrysoptilus cristatus, *Dalgleish, Proc. Roy. Phys. Soc. Edin.* viii. p. 86 (1883–5); x. p. 80 (1888–90); *Scl. & Huds. Argent. Orn.* ii. p. 21 (1889); *Hargitt, Cat. Birds B. M.* xviii. p. 112 (1890); *Nehrk. Kat. Eiersamml.* p. 165 (1899); *Sharpe, Hand-l.* ii. p. 207 (1900).

Three eggs of the Argentine Red-crested Woodpecker in the Collection are highly glossy and measure respectively: 1·05 by ·83; 1·03 by ·8; 1·12 by ·81.

| | | |
|---|---|---|
| 3. | Argentine Republic. | Crowley Bequest. |

## Genus **ASYNDESMUS**, *Coues.*

### Asyndesmus torquatus (*Wils.*).

Melanerpes torquatus, *Baird, Brewer & Ridgw. N. Amer. Birds,* ii. p. 561 (1874); *Bendire, Life-Hist. N. Amer. Birds,* ii. p. 117 (1895).
Asyndesmus torquatus, *Hargitt, Cat. Birds B. M.* xviii. p. 137 (1890); *Nehrk. Kat. Eiersamml.* p. 165 (1899); *Sharpe, Hand-l.* ii. p. 209 (1900).

An egg of Lewis's Woodpecker is glossy, and measures 1·02 by ·81.

| | | |
|---|---|---|
| 1. | North America. | Crowley Bequest. |

## Genus **MELANERPES**, *Swains.*

The eggs of the Woodpeckers of this genus appear to be very glossy when fresh, but the gloss disappears with incubation.

### Melanerpes erythrocephalus (*Linn.*).

Melanerpes erythrocephalus, *Baird, Brewer & Ridgw. N. Amer. Birds,* ii. p. 564 (1874); *Hargitt, Cat. Birds B. M.* xviii. p. 145 (1890); *Bendire, Life-Hist. N. Amer. Birds,* ii. p. 107 (1895); *Nehrk. Kat. Eiersamml.* p. 165 (1899); *Sharpe, Hand-l.* ii. p. 209 (1900).

The eggs of the Red-headed Woodpecker measure from ·95 to 1·07 in length, and from ·73 to ·82 in breadth.

| | | |
|---|---|---|
| 13. | North America (*Field Coll.*). | Crowley Bequest. |
| 1. | North America (*T. M. Brewer*). | Salvin-Godman Coll. |
| 2. | North America (*Smiths. Inst.*). | Salvin-Godman Coll. |
| 1. | North America. | Old Collection. |
| 4. | United States. | W. Radcliffe Saunders, Esq. [P.]. |
| 4. | Kansas (*C. W. Spencer: Henshaw Coll.*). | Salvin-Godman Coll. |
| 3. | Pennsylvania (*T. M. Brewer: Tristram Coll.*). | Crowley Bequest. |

### Melanerpes melanopogon (*Temm.*).

Melanerpes formicivorus, *var.* formicivorus, *Baird, Brewer & Ridgw. N. Amer. Birds,* ii. p. 566 (1874).
Melanerpes melanopogon, *Hargitt, Cat. Birds B. M.* xviii. p. 151 (1890); *Sharpe, Hand-l.* ii. p. 209 (1900).
Melanerpes formicivorus, *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 412 (1895).
Melanerpes formicivorus bairdi, *Bendire, Life-Hist. N. Amer. Birds,* ii. p. 112 (1895).

Eggs of the Californian Woodpecker measure from ·91 to 1 in length, and from ·7 to ·8 in breadth.

| | | |
|---|---|---|
| 2. | [California.] | Crowley Bequest. |
| 5. | Los Angeles, California, 16th May. | Crowley Bequest. |

### Melanerpes cruentatus (*Bodd.*).

Melanerpes cruentatus, *Hargitt, Cat. Birds B. M.* xviii. p. 155 (1890); *Nehrk. Kat. Eiersamml.* p. 165 (1899); *von Ihering, Rev. Mus. Paulista,* iv. p. 258 (1900); *Sharpe, Hand-l.* ii. p. 210 (1900).

Two eggs of the Small South-American Black Woodpecker measure respectively: ·78 by ·62; ·8 by ·62.

| | | |
|---|---|---|
| 2. | Peru (*Nehrkorn Coll.*). | Crowley Bequest. |

### Melanerpes cactorum (*Lafr. & d'Orb.*).

Picus cactorum, *Scl. & Huds. Argent. Orn.* ii. p. 19 (1889).
Melanerpes cactorum, *Hargitt, Cat. Birds B. M.* xviii. p. 162 (1890); *Sharpe, Hand-l.* ii. p. 210 (1900).

Two eggs of the Cactus Woodpecker measure respectively: ·9 by ·68; ·85 by ·64.

| | | |
|---|---|---|
| 2. | Argentine Republic. | Crowley Bequest. |

### Melanerpes carolinus (*Linn.*).

Centurus carolinus, *Baird, Brewer & Ridgw. N. Amer. Birds,* ii. p. 554 (1874).
Melanerpes carolinus, *Hargitt, Cat. Birds B. M.* xviii. p. 170 (1890); *Bendire, Life-Hist. N. Amer. Birds,* ii. p. 121 (1895); *Sharpe, Hand-l.* ii. p. 211 (1900).

Eggs of the Red-bellied Woodpecker measure from ·98 to 1·1 in length, and from ·75 to ·8 in breadth.

| | | |
|---|---|---|
| 1. | N. America, 15th April. | Crowley Bequest. |
| 5. | N. America (*Field Coll.*). | Crowley Bequest. |
| 1. | Iowa. | Crowley Bequest. |

### Melanerpes dubius (*Cabot*).

Melanerpes dubius, *Hargitt, Cat. Birds B. M.* xviii. p. 172 (1890); *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 422 (1895); *Nehrk. Kat. Eiersamml.* p. 166 (1899); *Sharpe, Hand-l.* ii. p. 211 (1900).

The eggs of Cabot's Woodpecker measure from ·85 to 1·02 in length, and from ·7 to ·76 in breadth.

| | | |
|---|---|---|
| 4. | British Honduras (*F. Blancaneaux*). | Salvin-Godman Coll. |
| 4. | British Honduras, 25th May (*F. B.*). | Salvin-Godman Coll. |
| 3. | Yucatan (*Nehrkhorn Coll.*). | Crowley Bequest. |

### Melanerpes aurifrons (*Wagl.*).

Centurus aurifrons, *Baird, Brewer & Ridgw. N. Amer. Birds*, ii. p. 557 (1874).

Melanerpes aurifrons, *Hargitt, Cat. Birds B. M.* xviii. p. 177 (1890); *Bendire, Life-Hist. N. Amer. Birds*, ii. p. 124 (1895); *Nehrk. Kat. Eiersamml.* p. 166 (1899); *Sharpe, Hand-l.* ii. p. 211 (1900).

The eggs of the Golden-fronted Woodpecker measure from ·97 to 1·02 in length, and from ·71 to ·79 in breadth.

| | | |
|---|---|---|
| 1. | North America (*Smiths. Inst.*). | Salvin-Godman Coll. |
| 6. | North America (*Field Coll.*). | Crowley Bequest. |

### Melanerpes santacruzi (*Bp.*).

Centurus santacruzi, *Owen, Ibis*, 1861, p. 67.

Melanerpes santacruzi, *Hargitt, Cat. Birds B. M.* xviii. p. 179 (1890); *Salv. & Godm. Biol. Centr.-Amer., Aves*, ii. p. 420 (1895); *Sharpe, Hand-l.* ii. p. 211 (1900).

Eggs of the Santa Cruz Woodpecker in the Collection measure from 1·01 to 1·06 in length, and from ·77 to ·79 in breadth.

| | | |
|---|---|---|
| 4. | San Geronimo, Guatemala, 2nd June (*R. Owen*). | Salvin-Godman Coll. |

### Melanerpes uropygialis (*Baird*).

Centurus uropygialis, *Baird, Brewer & Ridgw. N. Amer. Birds*, ii. p. 558 (1874).

Melanerpes uropygialis, *Hargitt, Cat. Birds B. M.* xviii. p. 182 (1890); *Bendire, Life-Hist. N. Amer. Birds*, ii. p. 127 (1895); *Salv. & Godm. Biol. Centr.-Amer., Aves*, ii. p. 423 (1895); *Sharpe, Hand-l.* ii p. 212 (1900).

Four eggs of the Gila Woodpecker measure respectively: 1 by ·7; ·98 by ·72; ·93 by ·72; ·95 by ·71.

| | | |
|---|---|---|
| 2. | Mazatlan, Mexico (*A. Forrer*). | Crowley Bequest. |
| 2. | Mazatlan, 28th April. | Crowley Bequest. |

### Melanerpes elegans (*Swains.*).

Melanerpes elegans, *Hargitt, Cat. Birds B. M.* xviii. p. 184 (1890); *Salv. & Godm. Biol. Centr.-Amer., Aves*, ii. p. 424 (1895); *Nehrk. Kat. Eiersamml.* p. 166 (1899); *Sharpe, Hand-l.* ii. p. 212 (1900).

Four eggs of the Elegant Woodpecker measure respectively: 1·04 by ·71; 1·02 by ·7; 1 by ·69; 1 by ·7.

| | | |
|---|---|---|
| 1. | [Mexico.] | Crowley Bequest. |
| 1. | Mazatlan, Mexico, 11th June. | Crowley Bequest. |
| 2. | Mazatlan (*A. Forrer*). | Crowley Bequest. |

## Genus SPHYROPICUS, *Baird*.

### Sphyropicus varius (*Linn.*).

Sphyrapicus varius, *Ross, Nat. Hist. Rev.* 1862, p. 278; *id. Canad. Nat.* vii. p. 143 (1862); *Bendire, Life-Hist. N. Amer. Birds,* ii. p. 82 (1895).

Sphyropicus varius, *var.* varius, *Baird, Brewer & Ridgw. N. Amer. Birds* ii. p. 539 (1874).

Sphyropicus varius, *Hargitt, Cat. Birds B. M.* xviii. p. 188 (1890); *Nehrk. Kat. Eiersamml.* p. 166 (1899); *Sharpe, Hand-l.* ii. p. 212 (1900).

Eggs of the Yellow-bellied Woodpecker measure from ·85 to ·95 in length, and from ·67 to ·7 in breadth. They exhibit very little gloss.

| | | |
|---|---|---|
| 5. | Fort Simpson, Mackenzie River District. | B. R. Ross, Esq. [P.]. |
| 4. | N. America. | Crowley Bequest. |
| 4. | Iowa, 3rd June. | Crowley Bequest. |

## Genus HYPOPICUS, *Bp.*

### Hypopicus hyperythrus (*Vig.*).

Hypopicus hyperythrus, *Hargitt, Cat. Birds B. M.* xviii. p. 199 (1890); *Oates ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 301 (1890); *Blanf. Fauna Brit. Ind., Birds,* iii. p. 32 (1895); *Sharpe, Hand-l.* ii. p. 212 (1900).

An egg of the Rufous-bellied Pied Woodpecker in the Collection is glossy, and measures ·85 by ·66.

| | | |
|---|---|---|
| 1. | Murri, N.W. Himalayas, 21st April (*C. H. T. Marshall*). | Hume Coll. |

## Genus DENDROCOPUS, *Koch*.

### Dendrocopus major (*Linn.*).

Picus major, *Thien. Fortpflanz. ges. Vög.* p. 96, tab. xiii. fig. 9 (1845–54); *Baedeker, Eier Eur. Vög.* tab. 11. fig. 4 (1855–63); *Hewitson, Eggs of Brit. Birds,* i. p. 240, pl. lxi. fig. iii (1856); *Dresser, Birds Eur.* v. p. 19 (1871); *Seebohm, Brit. Birds,* ii. p. 354, pl. 18 (1885); *id. Eggs of Brit. Birds,* p. 170, pl. 48. fig. 13 (1896).

Dendrocopus major, *Hargitt, Cat. Birds B. M.* xviii. p. 211 (1890); *Sharpe, Hand-l.* ii. p. 213 (1900).

The eggs of the Greater Spotted Woodpecker exhibit little gloss, and measure from ·91 to 1·15 in length, and from ·71 to ·82 in breadth.

| | | |
|---|---|---|
| 8. | England. | Gould Coll. |
| 1. | Caen Wood, Hampstead (*O. S.*). | Salvin-Godman Coll. |
| 4. | Caen Wood (*O. S.*). | Salvin-Godman Coll. |

| | | |
|---|---|---|
| 3. | Lyndhurst, New Forest, May (*F. D. Godman*). | Salvin-Godman Coll. |
| 6. | New Forest (*H. Saunders*). | Seebohm Coll. |
| 5. | Churt, Surrey, May. | Crowley Bequest. |
| 5. | Elbeuf, France (*Noury: Hargitt Coll.*). | Seebohm Coll. |
| 2. | Elbeuf (*Noury: Hargitt Coll.*). | Seebohm Coll. |
| 8. | Stolp, Pomerania, 15th May (*T. Holland*). | Seebohm Coll. |
| 5. | Stolp, 17th May (*T. H.*). | Seebohm Coll. |
| 4. | Styria, 18th May (*E. Seidensacher*). | Seebohm Coll. |
| 5. | Cilli, Styria, 26th April (*E. S.*). | Crowley Bequest. |
| 1. | Sweden (*H. W. Wheelwright: Tristram Coll.*). | Crowley Bequest. |

### Dendrocopus canariensis, *Koenig*.

Dendrocopus major canariensis, *Koenig, J. f. O.* 1890, p. 350.
Dendrocopus canariensis, *Sharpe, Hand-l.* iii. p. 213 (1900).

The eggs of the Canary-Islands Spotted Woodpecker in the Collection are moderately glossy, and measure respectively: 1·1 by ·75; 1·05 by ·77; 1·08 by ·75.

| | | |
|---|---|---|
| 3. | Teneriffe, 24th April (*Ramon Gomez*). | H. E. Dresser, Esq. [E.]. |

### Dendrocopus japonicus (*Seebohm*).

Picus japonicus, *Seebohm, Ibis*, 1883, p. 24.
Picus major japonicus, *Seebohm, Birds Japan. Emp.* p. 154 (1890).
Dendrocopus japonicus, *Hargitt, Cat. Birds B. M.* xviii. p. 216 (1890); *Sharpe, Hand-l.* ii. p. 213 (1900).

Two eggs of the Japanese Pied Woodpecker measure respectively: 1 by ·76; ·93 by ·74.

| | | |
|---|---|---|
| 2. | Hondo, Japan, 13th June. | Crowley Bequest. |

### Dendrocopus mauritanus (*Brehm*).

Dendrocopus mauritanus, *Hargitt, Cat. Birds B. M.* xviii. p. 216 (1890); *Sharpe, Hand-l.* ii. p. 213 (1900).

The eggs of the Morocco Pied Woodpecker measure from ·94 to 1 in length, and from ·7 to ·73 in breadth.

| | | |
|---|---|---|
| 5. | Morocco, 8th May (*Field Coll.*). | Crowley Bequest. |
| 2. | Morocco, 13th June. | Crowley Bequest. |

### Dendrocopus numidicus (*Malh.*).

Picus numidicus, *Dresser, Birds Eur.* v. p. 33 (1871).
Dendrocopus numidicus, *Hargitt, Cat. Birds B. M.* xviii. p. 217 (1890); *Sharpe, Hand-l.* ii. p. 213 (1900).

An egg of the Algerian Pied Woodpecker in the Collection is moderately glossy, and measures ·98 by ·75.

| | | |
|---|---|---|
| 1. | Algeria. | Old Collection. |

### Dendrocopus himalayensis (*Jard. & Selby*).

Dendrocopus himalayensis, *Hargitt, Cat. Birds B. M.* xviii. p. 220 (1890); *Oates ed. Hume, Nests & Eggs Ind. Birds*, ii. p. 301 (1890); *Blanf. Fauna Brit. Ind., Birds*, iii. p. 34 (1895); *Sharpe, Hand-l.* ii. p. 213 (1900).

An egg of the Himalayan Pied Woodpecker in the Collection is moderately glossy, and measures ·98 by ·73.

| | | |
|---|---|---|
| 1. | Kotegurh, Himalayas, 28th June. | Hume Coll. |

### Dendrocopus cathpharius (*Hodgs.*).

Dendrocopus cathpharius, *Hargitt, Cat. Birds B. M.* xviii. p. 223 (1890); *Oates ed. Hume, Nests & Eggs Ind. Birds*, ii. p. 302 (1890); *Blanf. Fauna Brit. Ind., Birds*, iii. p. 37 (1895); *Sharpe, Hand-l.* ii. p. 213 (1900).

An egg of the Lesser Pied Woodpecker in the Collection is moderately glossy, and measures ·77 by ·61.

| | | |
|---|---|---|
| 1. | Darjiling, Sikhim, 4000 feet, 19th April (*J. Gammie*). | Hume Coll. |

### Dendrocopus syriacus (*Hempr. & Ehrenb.*).

Picus syriacus, *Dresser, Birds Eur.* v. p. 35 (1871).
Dendrocopus syriacus, *Hargitt, Cat. Birds B. M.* xviii. p. 225 (1890); *Nehrk. Kat. Eiersamml.* p. 166 (1899); *Sharpe, Hand-l.* ii. p. 214 (1900).

The eggs of the Syrian Pied Woodpecker are very glossy, and measure from ·97 to 1·1 in length, and from ·67 to ·78 in breadth.

| | | |
|---|---|---|
| 1. | Smyrna, 12th May (*T. Krüper: Tristram Coll.*). | Crowley Bequest. |
| 2. | Smyrna, 12th May (*T. Krüper*). | Seebohm Coll. |
| 3. | Mersina, Asia Minor, 14th May. | Crowley Bequest. |
| 5. | Beyrut, Syria, 28th May (*Field Coll.*). | Crowley Bequest. |

### Dendrocopus villosus (*Linn.*).

Picus villosus, *Baird, Brewer & Ridgw. N. Amer. Birds*, ii. p. 503 (1874); *Seebohm, Eggs of Brit. Birds*, p. 171 (1896).
Dendrocopus villosus, *Hargitt, Cat. Birds B. M.* xviii. p. 230 (1890); *Nehrk. Kat. Eiersamml.* p. 166 (1899); *Sharpe, Hand-l.* ii. p. 214 (1900).
Dryobates villosus, *Bendire, Life-Hist. N. Amer. Birds*, ii. p. 46 (1895).

The eggs of the Hairy Woodpecker are very glossy, and measure from ·9 to 1 in length, and from ·7 to ·75 in breadth.

| | | |
|---|---|---|
| 1. | Canada (*Montreal Mus.: Hargitt Coll.*). | Seebohm Coll. |
| 5. | Toronto, 24th May. | Crowley Bequest. |
| 5. | Toronto, 1st June. | W. Radcliffe Saunders, Esq. [P.]. |
| 3. | Oxford, Maine, 25th May. | W. Radcliffe Saunders, Esq. [P.]. |

## **Dendrocopus pubescens** (*Linn.*).

Picus pubescens, *Baird, Brewer & Ridgw. N. Amer. Birds,* ii. p. 509 (1874); *Seebohm, Eggs of Brit. Birds,* p. 171 (1896).
Dendrocopus pubescens, *Hargitt, Cat. Birds B. M.* xviii. p. 238 (1890); *Nehrk. Kat. Eiersamml.* p. 166 (1899); *Sharpe, Hand-l.* ii. p. 214 (1900).
Dryobates pubescens, *Bendire, Life-Hist. N. Amer. Birds,* ii. p. 55, pl. i. fig. 24 (1895).

The eggs of the Downy Woodpecker are highly glossy, and measure from ·67 to ·84 in length, and from ·57 to ·62 in breadth.

| | | |
|---|---|---|
| 6. | North America (*Henshaw Coll.*). | Salvin-Godman Coll. |
| 1. | North America (*Smiths. Inst.*). | Salvin-Godman Coll. |
| 3. | N. America. | Crowley Bequest. |
| 6. | Saybrook, Connecticut, 6th June. | Crowley Bequest. |
| 3. | Ithaca, New York. | Princeton University, N.J. [E.]. |
| 4. | Highland Falls, New York, 17th May (*E. A. Mearns: Hargitt Coll.*). | Seebohm Coll. |
| 5. | Nebraska, 31st May. | W. Radcliffe Saunders, Esq. [P.]. |

## **Dendrocopus gairdneri** (*Aud.*).

Picus pubescens, *var.* gairdneri, *Baird, Brewer & Ridgw. N. Amer. Birds,* ii. p. 512 (1874).
Dendrocopus gairdneri, *Hargitt, Cat. Birds B. M.* xviii. p. 241 (1890); *Sharpe, Hand-l.* ii. p. 214 (1900).
Dryobates pubescens gairdneri, *Bendire, Life-Hist. N. Amer. Birds,* ii. p. 58 (1895).

The eggs of Gairdner's Woodpecker measure from ·79 to ·82 in length, and from ·57 to ·61 in breadth.

| | | |
|---|---|---|
| 5. | N. America (*Field Coll.*). | Crowley Bequest. |
| 2. | California (*T. M. Brewer: Tristram Coll.*). | Crowley Bequest. |

## **Dendrocopus scalaris** (*Wagl.*).

Picus scalaris, *Baird, Brewer & Ridgw. N. Amer. Birds,* ii. p. 515 (1874).
Dendrocopus scalaris, *Hargitt, Cat. Birds B. M.* xviii. p. 246 (1890); *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 435 (1895); *Nehrk. Kat. Eiersamml.* p. 166 (1899); *Sharpe, Hand-l.* ii. p. 215 (1900).
Dryobates scalaris bairdi, *Bendire, Life-Hist. N. Amer. Birds,* ii. p. 63 (1895).

The eggs of Baird's Woodpecker in the Collection measure respectively: ·81 by ·6; ·81 by ·62; ·82 by ·6; ·8 by ·6.

| | | |
|---|---|---|
| 1. | Mexico, Dec. (*Nehrkorn Coll.*). | Crowley Bequest. |
| 3. | Mexico, 7th April (*Field Coll.*). | Crowley Bequest. |

### Dendrocopus lucasanus (*Xantus*).

Picus scalaris, *var.* lucasanus, *Baird, Brewer & Ridgw. N. Amer. Birds,* ii. p. 519 (1874).
Dendrocopus lucasanus, *Hargitt, Cat. Birds B. M.* xviii. p. 250 (1890); *Sharpe, Hand-l.* ii. p. 215 (1900).
Dryobates scalaris lucasanus, *Bendire, Life-Hist. N. Amer. Birds,* ii. p. 65 (1895).

Four eggs of the St. Lucas Woodpecker in the Collection measure respectively: ·82 by ·62; ·9 by ·65; ·81 by ·62; ·86 by ·62.

| | | |
|---|---|---|
| 4. | California, 3rd April (*Field Coll.*). | Crowley Bequest. |

### Dendrocopus minor (*Linn.*).

Picus minor, *Thien. Fortpflanz. ges. Vög.* p. 97, tab. xiii. fig. 12, *a, b* (1845–54); *Baedeker, Eier Eur. Vög.* tab. 11. fig. 6 (1855–63); *Hewitson, Eggs of Brit. Birds,* i. p. 241, pl. lxi. fig. iv (1856); *Dresser, Birds Eur.* v. p. 53 (1872); *Seebohm, Brit. Birds,* ii. p. 359, pl. 18 (1885); *id. Eggs of Brit. Birds,* p. 171, pl. 48. fig. 8 (1896).
Dendrocopus minor, *Hargitt, Cat. Birds B. M.* xviii. p. 252 (1890); *Sharpe, Hand-l.* ii. p. 215 (1900).

The eggs of the Lesser Spotted Woodpecker are highly glossy. They measure from ·64 to ·9 in length, and from ·53 to ·65 in breadth.

| | | |
|---|---|---|
| 5. | Caen Wood, Hampstead (*O. S.*). | Salvin-Godman Coll. |
| 4. | Cookham, Berkshire (*W. Briggs*). | Gould Coll. |
| 2. | New Forest (*F. Bond*). | Salvin-Godman Coll. |
| 4. | New Forest (*Hargitt Coll.*). | Seebohm Coll. |
| 6. | New Forest (*W. Farren*). | Seebohm Coll. |
| 2. | Sweden (*H. W. Wheelwright*). | Crowley Bequest. |
| 2. | Uleaborg, Finland. | Crowley Bequest. |
| 6. | Stolp, Pomerania, 17th May (*T. Holland*). | Seebohm Coll. |
| 5. | Germany. | Crowley Bequest. |
| 5. | Cilli, Styria, 24th May (*E. Seidensacher*). | Crowley Bequest. |

### Dendrocopus pipra (*Pall.*).

Dendrocopus pipra, *Hargitt, Cat. Birds B. M.* xviii. p. 255 (1890); *Sharpe, Hand-l.* ii. p. 215 (1900).
Picus minor kamtschatkensis, *Tacz. Faune Orn. Sibér. Orient.* p. 706 (1893).

The eggs of Pallas's Lesser Spotted Woodpecker in the Collection measure respectively: ·73 by ·6; ·73 by ·61; ·76 by ·6; ·71 by ·6.

| | | |
|---|---|---|
| 4. | Altai Mts., C. Asia, 17th May (*Field Coll.*). | Crowley Bequest. |

### Dendrocopus lignarius (*Molina*).

Dendrocopus lignarius, *Hargitt, Cat. Birds B. M.* xviii. p. 257 (1890); *James, New List Chilian Birds,* p. 5 (1892); *Nehrk. Kat. Eiersamml.* p. 167 (1899); *Sharpe, Hand-l.* ii. p. 215 (1900).

Four eggs of Molina's Woodpecker in the Collection are moderately glossy, and measure respectively: ·9 by ·67; ·9 by ·65; ·88 by ·68; ·86 by ·67.

| | | |
|---|---|---|
| 3. | Central Chile, Oct. | Berkeley James Coll. |
| 1. | Central Chile (*Landbeck*). | Berkeley James Coll. |

## **Dendrocopus macei** (*Vieill.*).

Dendrocopus macei, *Hargitt, Cat. Birds B. M.* xviii. p. 260 (1890); *Oates ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 303 (1890); *Blanf. Fauna Brit. Ind., Birds,* iii. p. 39 (1895); *Sharpe, Hand-l.* ii. p. 215 (1900).

The eggs of the Fulvous-breasted Pied Woodpecker in the Collection are moderately glossy and measure respectively: ·9 by ·65; ·85 by ·64; ·9 by ·65; ·87 by ·65; ·88 by ·65.

| | | |
|---|---|---|
| 2. | Jerripani, near Mussoori, Himalayas (*T. Hutton*). | Hume Coll. |
| 1. | Near Mussoori, 20th May (*T. H.*). | Hume Coll. |
| 1. | Calcutta, 27th April. | Hume Coll. |
| 1. | Akyab, 19th April (*E. R. Shopland*). | Crowley Bequest. |

## **Dendrocopus auriceps** (*Vig.*).

Dendrocopus brunneifrons, *Hargitt, Cat. Birds B. M.* xviii. p. 264 (1890); *Oates ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 304 (1890).
Dendrocopus auriceps, *Blanf. Fauna Brit. Ind., Birds,* iii. p. 40 (1895); *Sharpe, Hand-l.* ii. p. 216 (1900).

Three eggs of the Brown-fronted Pied Woodpecker are moderately glossy, and measure respectively: ·85 by ·67; ·86 by ·65; ·9 by ·67.

| | | |
|---|---|---|
| 3. | Jerripani, near Mussoori, Himalayas (*T. Hutton*). | Hume Coll. |

## **Dendrocopus leuconotus** (*Bechst.*).

Picus leuconotus, *Thien. Fortpflanz. ges. Vög.* p. 95, tab. xiii. fig. 8 (1845–54); *Baedeker, Eier Eur. Vög.* tab. 11. fig. 7 (1855–63); *Dresser, Birds Eur.* v. p. 39 (1871); *Bree, Birds Eur.* iv. p. 56, pl. — (1875); *Tacz. Faune Orn. Sibér. Orient.* p. 701 (1893).
Dendrocopus leuconotus, *Hargitt, Cat. Birds B. M.* xviii. p. 268 (1890); *Sharpe, Hand-l.* ii. p. 216 (1900).

The eggs of the White-backed Woodpecker measure from 1·1 to 1·21 in length, and from ·8 to ·88 in breadth.

| | | |
|---|---|---|
| 4. | Altai Mts., C. Asia (*Field Coll.*). | Crowley Bequest. |
| 7. | Altai Mts., 27th May (*Field Coll.*). | Crowley Bequest. |
| 1. | Altai Mts., 10th May. | Crowley Bequest. |
| 1. | Amur-land, 10th May. | Crowley Bequest. |

## Genus PICOIDES, *Lacép.*

### Picoides tridactylus (*Linn.*).

Picus tridactylus, *Thien. Fortpflanz. ges. Vög.* p. 94, tab. xiii. fig. 11 (1845–54); *Bree, Birds Eur.* 2nd ed. iv. p. 66, pl. — (1875); *Seebohm & Harvie-Brown, Ibis*, 1876, p. 112.
Apternus tridactylus, *Baedeker, Eier Eur. Vög.* tab. 11. fig. 8 (1855–63).
Picoides tridactylus, *Dresser, Birds Eur.* v. p. 69 (1872); *Hargitt, Cat. Birds B. M.* xviii. p. 275 (1890); *Sharpe, Hand-l.* ii. p. 216 (1900).

The eggs of the Three-toed Woodpecker are very glossy, and measure from ·94 to 1·03 in length, and from ·74 to ·76 in breadth.

| | | |
|---|---|---|
| 1. | Petchora River, Lat. 66½° N., 14th June (*H. Seebohm & J. A. Harvie-Brown*). | Seebohm Coll. |
| 1. | Salmojeroi, Finland (*J. Wolley: Tristram Coll.*). | Crowley Bequest. |
| 4. | Torneå, Finland, 5th June (*Meves*). | Seebohm Coll. |
| 1. | Finland, June (*Tristram Coll.*). | Crowley Bequest. |

### Picoides crissoleucus (*Bp.*).

Picoides crissoleucus, *Hargitt, Cat. Birds B. M.* xviii. p. 277 (1890); *Nehrk. Kat. Eiersamml.* p. 167 (1899); *Sharpe, Hand-l.* ii. p. 216 (1900).
Picoides tridactylus crissoleucus, *Tacz. Faune Orn. Sibér. Orient.* p. 722 (1893).

Two eggs of the Siberian Three-toed Woodpecker in the Collection are extremely glossy, and measure respectively: 1·08 by ·72; 1·05 by ·8.

| | | |
|---|---|---|
| 2. | Amur-land, 17th May (*Tancré*). | Crowley Bequest. |

## Genus DENDROCOPTES, *Cab. & Heine.*

### Dendrocoptes medius (*Linn.*).

Picus medius, *Thien. Fortpflanz. ges. Vög.* p. 96, tab. xiii. fig. 10 (1845–54); *Baedeker, Eier Eur. Vög.* tab. 11. fig. 5 (1855–63); *Bree, Birds Eur.* iii. p. 146, pl. — (1867); 2nd ed. iv. p. 62, pl. — (1875); *Dresser, Birds Eur.* v. p. 47 (1871).
Dendrocoptes medius, *Hargitt, Cat. Birds B. M.* xviii. p. 286 (1890); *Sharpe, Hand-l.* ii. p. 217 (1900).

The eggs of the Middle Spotted Woodpecker are very glossy, and measure from ·86 to 1·02 in length, and from ·71 to ·76 in breadth.

| | | |
|---|---|---|
| 5. | Europe (*Field Coll.*). | Crowley Bequest. |
| 3. | Europe. | Crowley Bequest. |
| 1. | Linkspring, Sweden (*Tristram Coll.*). | Crowley Bequest. |
| 5. | Denmark, 13th May. | Crowley Bequest. |
| 5. | Stolp, Pomerania, 21st May. | Seebohm Coll. |

## Genus **LIOPICUS**, *Bp.*

### **Liopicus mahrattensis** (*Lath.*).

Picus mahrattensis, *Legge, Birds Ceylon*, p. 184 (1878).
Liopicus mahrattensis, *Hargitt, Cat. Birds B. M.* xviii. p. 290 (1890); *Oates ed. Hume, Nests & Eggs Ind. Birds*, ii. p. 305 (1890); *Blanf. Fauna Brit. Ind., Birds*, iii. p. 43 (1895); *Sharpe, Hand-l.* ii. p. 217 (1900).

The eggs of the Yellow-fronted Pied Woodpecker are glossy, and measure from ·8 to ·88 in length, and from ·61 to ·68 in breadth.

| | | |
|---|---|---|
| 2. | Hansi, Punjab. | Hume Coll. |
| 1. | Hansi, 20th April. | Hume Coll. |
| 1. | Hansi, 10th June. | Hume Coll. |
| 1. | Delhi, 30th March (*C. T. Bingham*). | Hume Coll. |
| 1. | Etawah, 30th March (*A. O. Hume*). | Hume Coll. |
| 1. | Etawah, 9th April (*A. O. H.*). | Hume Coll. |
| 2. | Maunbhum, 9th April (*R. C. Beavan: Tristram Coll.*). | Crowley Bequest. |

## Genus **IYNGIPICUS**, *Bp.*

### **Iyngipicus auritus** (*Gm.*).

Yungipicus fusco-albidus, *Sharpe, P. Z. S.* 1879, p. 326.
Iyngipicus auritus, *Hargitt, Cat. Birds B. M.* xviii. p. 325 (1890); *Sharpe, Hand-l.* ii. p. 220 (1900).

The eggs of the Red-eared Pigmy Woodpecker in the Collection are almost devoid of gloss, and measure respectively: ·73 by ·52; ·71 by ·56; ·65 by ·54; ·65 by ·53.

| | | |
|---|---|---|
| 4. | Labuan, Borneo. | Sir Hugh Low [C.]. |

### **Iyngipicus hardwickei** (*Jerd.*).

Iyngipicus hardwickii, *Hargitt, Cat. Birds B. M.* xviii. p. 328 (1890); *Oates ed. Hume, Nests & Eggs Ind. Birds*, ii. p. 306 (1890); *Blanf. Fauna Brit. Ind., Birds*, iii. p. 47 (1895); *Sharpe, Hand-l.* ii. p. 220 (1900).

Two eggs of the Indian Pigmy Woodpecker in the Collection are moderately glossy, and measure respectively: ·7 by ·5; ·71 by ·6.

| | | |
|---|---|---|
| 1. | Lucknow, India, 24th March (*G. Reid*). | Hume Coll. |
| 1. | Sitapur, Oudh, 5th May (*C. R. Cock*) | Hume Coll. |

## Genus **MICROPTERNUS**, *Blyth.*

### **Micropternus phæoceps**, *Blyth.*

Micropternus phæoceps, *Hargitt, Cat. Birds B. M.* xviii. p. 393 (1890); *Oates ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 308 (1890); *Blanf. Fauna Brit. Ind., Birds,* iii. p. 55 (1895); *Nehrk. Kat. Eiersamml.* p. 167 (1899); *Sharpe, Hand-l.* ii. p. 224 (1900).

Four of the eggs of the Common Indian Rufous Woodpecker in the Collection are of a narrow cylindrical shape, and a fifth is of an ordinary oval form. They are devoid of gloss, and measure from 1·01 to 1·2 in length, and from ·77 to ·8 in breadth.

| | | |
|---|---|---|
| 4. | Mongphoo, Darjiling, 1st May (*J. Gammie*). | Hume Coll. |
| 1. | Thoungyin River, Tenasserim, 12th March (*C. T. Bingham*). | Hume Coll. |

## Genus **BRACHYPTERNUS**, *Strickl.*

### **Brachypternus aurantius** (*Linn.*).

Brachypternus aurantius, *Hargitt, Cat. Birds B. M.* xviii. p. 404 (1890); *Oates ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 309; *Blanf. Fauna Brit. Ind., Birds,* iii. p. 58 (1895); *Nehrk. Kat. Eiersamml.* p. 167 (1899); *Sharpe, Hand-l.* ii. p. 225 (1900).

The eggs of the Golden-backed Woodpecker are sometimes highly glossy, and sometimes without any gloss. They measure from ·99 to 1·12 in length, and from ·75 to ·85 in breadth.

| | | |
|---|---|---|
| 2. | Hansi, Punjab, 27th March (*W. Blewitt*). | Hume Coll. |
| 2. | Hansi, 2nd June (*W. B.*). | Hume Coll. |
| 1. | Hansi, 17th July (*W. B.*). | Hume Coll. |
| 3. | Delhi, 24th April (*C. T. Bingham*). | Hume Coll. |
| 8. | Allahabad, 6th April. | Hume Coll. |
| 1. | Etawah, 11th March. | Hume Coll. |
| 1. | Etawah, 12th March. | Hume Coll. |
| 1. | Etawah, 23rd March (*A.O. Hume*). | Hume Coll. |
| 2. | Sikhim, 3rd Feb. (*J. Gammie*). | Hume Coll. |
| 4. | Calcutta, May. | Crowley Bequest. |

## Genus **TIGA**, *Kaup.*

### **Tiga javanensis** (*Ljung*).

Tiga javanensis, *Sharpe, P. Z. S.* 1879, p. 326; *Hargitt, Cat. Birds B. M.* xviii. p. 412 (1890); *Oates ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 311 (1890); *Blanf. Fauna Brit. Ind., Birds,* iii. p. 61 (1895); *Nehrk. Kat. Eiersamml.* p. 167 (1899); *Sharpe, Hand-l.* ii. p. 225 (1900).

The eggs of the Golden-backed Three-toed Woodpecker are somewhat pyriform and moderately glossy. They measure from ·97 to 1·16 in length, and from ·72 to ·8 in breadth.

| | | |
|---|---|---|
| 2. | Pegu, 7th May (*E. W. Oates: Seebohm Coll.*). | Crowley Bequest. |
| 3. | Meplay River, Tenasserim, 22nd March (*C. T. Bingham*). | Hume Coll. |
| 3. | Meplay River, 23rd March (*C. T. B.*). | Hume Coll. |
| 1. | Labuan, Borneo. | Sir Hugh Low [C.]. |

## Genus **HEMICERCUS**, *Swains.*

### **Hemicercus canente** (*Less.*).

Hemicercus canente, *Hargitt, Cat. Birds B. M.* xviii. p. 486 (1890); *Oates ed. Hume, Nests & Eggs Ind. Birds*, ii. p. 314; *Blanf. Fauna Brit. Ind., Birds*, iii. p. 69 (1895); *Nehrk. Kat. Eiersamml.* p. 168 (1899); *Sharpe, Hand-l.* ii. p. 230 (1900).

The eggs of the Heart-spotted Woodpecker are moderately glossy, and measure from ·85 to ·9 in length, and from ·66 to ·69 in breadth.

| | | |
|---|---|---|
| 1. | Moulmein, Tenasserim, 16th Dec. (*W. Davison*). | Hume Coll. |
| 2. | Meplay River, Tenasserim, 11th March (*C. T. Bingham*). | Hume Coll. |
| 2. | Kussoom, Malay Peninsula, 2nd July (*J. Darling*). | Hume Coll. |

## Genus **ALOPHONERPES**, *Reichenb.*

### **Alophonerpes pulverulentus** (*Temm.*).

Hemilophus pulverulentus, *Hargitt, Cat. Birds B. M.* xviii. p. 494 (1890); *Oates ed. Hume, Nests & Eggs Ind. Birds*, ii. p. 315 (1890); *Blanf. Fauna Brit. Ind., Birds*, iii. p. 71 (1895); *Nehrk. Kat. Eiersamml.* p. 168 (1899).
Alophonerpes pulverulentus, *Sharpe, Hand-l.* ii. p. 230 (1900).

Two eggs of the Great Slaty Woodpecker in the Collection are somewhat spheroidal in shape, and moderately glossy. They measure respectively: 1·4 by 1·1; 1·4 by 1·12.

| | | |
|---|---|---|
| 2. | Thoungyin River, Tenasserim, 30th April (*C. T. Bingham*). | Hume Coll. |

## Genus **CEOPHLŒUS**, *Cab. & Heine.*

### **Ceophlœus scapularis** (*Vig.*).

Ceophlœus scapularis, *Hargitt, Cat. Birds B. M.* xviii. p. 510 (1890); *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 450 (1895); *Nehrk. Kat. Eiersamml.* p. 168 (1899); *Sharpe, Hand-l.* ii. p. 232 (1900).

The eggs of the White-billed Woodpecker in the Collection are of a very narrow oval shape, and extremely glossy. Four examples measure respectively: 1·15 by ·78; 1·28 by ·78; 1·19 by ·8; 1·1 by ·74.

| | |
|---|---|
| 2. Mazatlan, Mexico (*A. Forrer*). | Crowley Bequest. |
| 2. Mazatlan. | Crowley Bequest. |

## Genus **DRYOTOMUS**, *Swains.*

### **Dryotomus pileatus** (*Linn.*).

Hylotomus pileatus, *Baird, Brewer & Ridgw. N. Amer. Birds,* ii. p. 550 (1874).
Dryotomus pileatus, *Hargitt, Cat. Birds B. M.* xviii. p. 515 (1890); *Sharpe, Hand-l.* ii. p. 232 (1900).
Ceophlœus pileatus, *Bendire, Life-Hist. N. Amer. Birds,* ii. p. 102, pl. i. fig. 5 (1895).

Four eggs of the Pileated Woodpecker measure respectively: 1·28 by ·95; 1·26 by ·98; 1·23 by ·97; 1·27 by ·98. They are exceedingly glossy.

| | |
|---|---|
| 4. N. America (*Field Coll.*). | Crowley Bequest. |

## Genus **PICUS**, *Linn.*

### **Picus martius**, *Linn.*

Picus martius, *Thien. Fortpflanz. ges. Vög.* p. 98, tab. xiii. fig. 13 (1845–54); *Simpson, Ibis,* 1859, p. 264; *Hargitt, Cat. Birds B. M.* xviii. p. 518 (1890); *Seebohm, Eggs of Brit. Birds,* p. 172, pl. 48. fig. 9 (1896); *Sharpe, Hand-l.* ii. p. 232 (1900).
Dryocopus martius, *Baedeker, Eier Eur. Vög.* tab. 11. fig. 3 (1855–63); *Dresser, Birds Eur.* v. p. 3 (1871).

The eggs of the Great Black Woodpecker are of a peculiar pointed oval shape, and some are quite pyriform. They are highly glossy, and measure from 1·2 to 1·45 in length, and from ·9 to 1·05 in breadth.

| | |
|---|---|
| 4. Sweden (*H. W. Wheelwright: Tristram Coll.*). | Crowley Bequest. |
| 2. Gefle, Sweden, April. | Crowley Bequest. |
| 5. Sweden. | Gould Coll. |
| 4. Sweden, 30th April (*Meves*). | Seebohm Coll. |

| | | |
|---|---|---|
| 4. | Sweden, 5th June (*Meves*). | Seebohm Coll. |
| 4. | Stolp, Pomerania, 5th May (*T. Holland*). | Seebohm Coll. |
| 3. | Tchelfer, near Dorpat, Baltic Provinces, April (*Russow*). | Seebohm Coll. |
| 4. | Lucerne, Switzerland, 25th April (*H. F. Möschler*). | Seebohm Coll. |
| 4. | Switzerland, 17th April. | Crowley Bequest. |

## Sub-Family PICUMNINÆ.

### Genus **PICUMNUS**, *Temm.*

#### **Picumnus innominatus**, *Burton.*

Picumnus innominatus, *Hargitt, Cat. Birds B. M.* xviii. p. 549 (1890); *Oates ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 316 (1890); *Blanf. Fauna Brit. Ind. Birds,* iii. p. 76 (1895); *Nehrk. Kat. Eiersamml.* p. 168 (1899); *Sharpe, Hand-l.* ii. p. 235 (1900).

The eggs of the Speckled Piculet in the Collection are of a broad oval shape, and very glossy. They measure respectively: ·57 by ·47; ·54 by ·45; ·53 by ·45.

| | | |
|---|---|---|
| 2. | Sikhim (*J. Gammie*). | Hume Coll. |
| 1. | Sikhim (*J. G.*). | Hume Coll. |

### Genus **SASIA**, *Hodgs.*

#### **Sasia ochracea**, *Hodgs.*

Sasia ochracea, *Hargitt, Cat. Birds B. M.* xviii. p. 555 (1890); *Oates ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 317 (1890); *Blanf. Fauna Brit. Ind., Birds,* iii. p. 77 (1895); *Nehrk. Kat. Eiersamml.* p. 168 (1899); *Sharpe, Hand-l.* ii. p. 236 (1900).

The eggs of the Rufous Piculet in the Collection are broad ovals, and moderately glossy. They measure from ·6 to ·64 in length, and from ·48 to ·52 in breadth.

| | | |
|---|---|---|
| 2. | Mongphoo, Darjiling 2nd July (*J. Gammie*). | Hume Coll. |
| 1. | Darjiling, 14th June. | Hume Coll. |
| 1. | Darjiling, June. | Hume Coll. |

## Sub-Family IYNGINÆ.

### Genus **IŸNX**, *Linn.*

#### **Iÿnx torquilla**, *Linn.*

Iynx torquilla, *Thien. Fortpflanz. ges. Vög.* p. 92, tab. xiii. fig. 6 (1845–54); *Baedeker, Eier Eur. Vög.* tab. 50. fig. 7 (1855–63); *Dresser, Birds Eur.* v. p. 103 (1875); *Seebohm, Brit. Birds,* ii. p. 372, pl. 18 (1885); *Hargitt, Cat. Birds B. M.* xviii. p. 560 (1890); *Seebohm,*

*Eggs of Brit. Birds*, p. 173, pl. 48. fig. 10 (1896); *Sharpe, Hand-l.* ii. p. 236 (1900).
Yunx torquilla, *Hewitson, Eggs of Brit. Birds*, i. p. 242, pl. lxii. fig. i (1856).

The eggs of the Wryneck are of a blunt oval form, and moderately glossy. They measure from ·75 to ·93 in length, and from ·56 to ·67 in breadth.

| | | |
|---|---|---|
| 6. | England. | Gould Coll. |
| 8. | Cambridgeshire. | F. Bond, Esq. [P.]. |
| 4. | Taunton, Somersetshire, June. | Seebohm Coll. |
| 3. | Devon (*Tristram Coll.*). | Crowley Bequest. |
| 4. | Hampstead, Middlesex. | Salvin-Godman Coll. |
| 4. | Hampstead. | Salvin-Godman Coll. |
| 4. | Hendon, Middlesex. | Salvin-Godman Coll. |
| 7. | Churt, Surrey, May. | Crowley Bequest. |
| 9. | Churt, June. | Crowley Bequest. |
| 9. | Churt, June. | Crowley Bequest. |
| 6. | Elbeuf, France (*Noury: Hargitt Coll.*). | Seebohm Coll. |
| 5. | St. Aubin, Elbeuf (*Noury: Hargitt Coll.*). | Seebohm Coll. |
| 4. | Prussia, 22nd May. | Seebohm Coll. |
| 5. | Politz, Pomerania (*T. Holland*). | Seebohm Coll. |
| 5. | Stolp, Pomerania, 7th June (*T. H.*). | Seebohm Coll. |
| 6. | Stolp, 21st June (*T. H.*). | Seebohm Coll. |
| 5. | Esthonia, 24th May (*Russow*). | Seebohm Coll. |
| 5. | Esthonia, 30th May (*Russow*). | Seebohm Coll. |

## Order EURYLÆMIFORMES.

### Family EURYLÆMIDÆ.

The eggs of the Broadbills are normally of a narrow oval form, and exhibit a moderate amount of gloss. Some of the species lay eggs of two or more distinct types of coloration.

#### Sub-Family CALYPTOMENINÆ.

#### Genus **CALYPTOMENA**, *Raffles*.

**Calyptomena viridis**, *Raffles*.

Calyptomena viridis, *Scl. Cat. Birds B. M.* xiv. p. 456 (1888); *Oates ed. Hume, Nests & Eggs Ind. Birds*, ii. p. 288 (1890); *Blanf. Fauna Brit. Ind., Birds*, iii. p. 12 (1895); *Sharpe, Hand-l.* iii. p. 1 (1901).

The eggs of the Green Broadbill are of a plain light yellow colour. They measure from 1·05 to 1·21 in length, and from ·74 to ·82 in breadth.

| | | |
|---|---|---|
| 3. | Nwalabo, Tenasserim, 3rd April (*J. Darling*). | Hume Coll. |
| 3. | Nwalabo, 10th April (*J. D.*). | Hume Coll. |
| 2. | Marudi, N.W. Borneo. | Dr. Charles Hose [P.]. |

#### **Calyptomena whiteheadi**, *Sharpe.*

Calyptomena whiteheadi, *Scl. Cat. Birds B. M.* xiv. p. 457 (1888); *Sharpe, Ibis,* 1889, p. 436; *id. Hand-l.* iii. p. 1 (1901).

An egg of Whitehead's Broadbill in the Collection is of the same colour as those of *C. viridis,* but is much larger, measuring 1·26 by ·97.

| | | |
|---|---|---|
| 1. | Mt. Kina Balu, N.W. Borneo, 13th March (*J. Whitehead*). | Crowley Bequest. |

## Sub-Family EURYLÆMINÆ.

### Genus **PSARISOMUS**, *Swains.*

#### **Psarisomus dalhousiæ** (*Jameson*).

(Plate II. fig. 16.)

Psarisomus dalhousiæ, *Scl. Cat. Birds B. M.* xiv. p. 458 (1888); *Oates ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 289 (1890); *Blanf. Fauna Brit. Ind., Birds,* iii. p. 11 (1895); *Nehrk. Kat. Eiersamml.* p. 147 (1899); *Sharpe, Hand-l.* iii. p. 1 (1901).

The eggs of the Long-tailed Broadbill are either plain white, or white boldly spotted and blotched with brownish chestnut and lilac. They measure from ·95 to 1·14 in length, and from ·65 to ·76 in breadth.

| | | |
|---|---|---|
| 2. | India. | Crowley Bequest. |
| 2. | Darjiling, Sikhim (*J. Gammie*). | Hume Coll. |
| 2. | Darjiling (*J. G.*). | Hume Coll. |
| 2. | Darjiling (*J. G.*). | Hume Coll. |
| 2. | Darjiling (*J. G.*). | Hume Coll. |

### Genus **SERILOPHUS**, *Swains.*

#### **Serilophus lunatus** (*Gould*).

(Plate II. figs. 13 & 14.)

Serilophus lunatus, *Scl. Cat. Birds B. M.* xiv. p. 460 (1888); *Oates ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 291 (1890); *Blanf. Fauna Brit. Ind., Birds,* iii. p. 9 (1895); *Nehrk. Kat. Eiersamml.* p. 147 (1899); *Sharpe, Hand-l.* iii. p. 2 (1901).

The eggs of Gould's Broadbill are of three types: plain white;

white, speckled all over with numerous dots of purplish brown and lavender; or pink, speckled and spotted, chiefly at the broad end, with purplish red, lavender, and lilac. They measure from ·85 to 1 in length, and from ·62 to ·69 in breadth.

| | | |
|---|---|---|
| 2. | Pegu, 12th May (*E. W. Oates: Seebohm Coll.*). | Crowley Bequest. |
| 7. | Tenasserim (*C. T. Bingham*). | Hume Coll. |
| 3. | Amherst, Tenasserim, 11th July (*W. Davison*). | Hume Coll. |
| 2. | Thoungyin Valley, Tenasserim, 23rd April (*C. T. Bingham*). | Hume Coll. |
| 5. | Thoungyin Valley, 26th April (*C. T. B.*). | Hume Coll. |
| 3. | Tavoy, Tenasserim, 20th April. | Hume Coll. |

### Serilophus rubropygius (*Hodgs.*).

Serilophus rubropygius, *Scl. Cat. Birds B. M.* xiv. p. 461 (1888); *Oates ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 293 (1890); *Blanf. Fauna Brit. Ind., Birds,* iii. p. 9 (1895); *Nehrk. Kat. Eiersamml.* p. 147 (1899); *Sharpe, Hand-l.* iii. p. 2 (1901).

The eggs of Hodgson's Broadbill in the Collection resemble the eggs of *S. lunatus* of the second type, described above. They measure respectively: ·95 by ·64; ·92 by ·65.

| | | |
|---|---|---|
| 2. | Darjiling, Sikhim, 15th May (*J. Gammie*). | Hume Coll. |

## Genus **EURYLÆMUS**, *Horsf.*

### Eurylæmus javanicus, *Horsf.*

(Plate II. figs. 17 & 18.)

Eurylæmus javanicus, *Scl. Cat. Birds B. M.* xiv. p. 463 (1888); *Oates ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 294 (1890); *Blanf. Fauna Brit. Ind., Birds,* iii. p. 4 (1895); *Sharpe, Hand-l.* iii. p. 2 (1901).

The eggs of Horsfield's Broadbill appear to be of two types. In one they are cream-coloured, densely freckled with dull chestnut and lavender, the markings being more or less confluent at the broad end. In the other they are white, spotted and blotched all over with slaty-black and lavender-grey. Four examples measure respectively: 1 by ·73; 1·06 by ·75; 1 by ·72; ·99 by ·72.

| | | |
|---|---|---|
| 2. | Bankasun, Tenasserim, 21st March (*W. Davison*). | Hume Coll. |
| 2. | N.W. Borneo (*Sir Hugh Low*). | Crowley Bequest. |

### Genus **CYMBORHYNCHUS**, *Vigors.*

#### **Cymborhynchus macrorhynchus** (*Gm.*).

(Plate II. fig. 19.)

Cymborhynchus macrorhynchus, *Sharpe, Ibis,* 1879, p. 264; *Scl. Cat. Birds B. M.* xiv. p. 468 (1888); *Oates ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 294 (1890); *Blanf. Fauna Brit. Ind., Birds,* iii. p. 7 (1895); *Nehrk. Kat. Eiersamml.* p. 147, taf. iv. fig. 44 (1899); *Sharpe, Hand-l.* iii. p. 3 (1901).

The eggs of the Black-and-Red Broadbill appear to be of three types. In the commonest type they vary from cream-colour to rich buff, and are thickly and coarsely mottled with dull chestnut and lavender. In another they resemble the second type of egg of *Eurylæmus javanicus*, being white, spotted and blotched with slaty-black and slaty-grey, the markings at the broad end being denser than elsewhere and more or less confluent. In the third type, of which there is only one specimen in the Collection, the egg is of a plain bluish-white colour. This example is said to have been found in a nest together with two eggs of the first or common type. Specimens measure from 1·99 to 1·2 in length, and from ·7 to ·78 in breadth.

| | | |
|---|---|---|
| 2. | Kussoom, Malay Peninsula, 4th June (*W. Davison & J. Darling*). | Hume Coll. |
| 4. | Kussoom, 4th June (*W. D. & J. D.*). | Hume Coll. |
| 3. | N.W. Borneo. | Sir Hugh Low [C.]. |
| 3. | N.W. Borneo. | Sir Hugh Low [C.]. |
| 3. | Baram, Sarawak. | Dr. Charles Hose [P.]. |

# Order MENURIFORMES.

## Family MENURIDÆ.

### Genus **MENURA**, *Davies.*

The eggs of the Lyre-birds vary from a regular oval to an elliptical shape. The shell is somewhat rough in texture, slightly glossy, and pitted with minute pores.

The eggs of the three species of Lyre-birds are not distinguishable by any character. They are of a darker or paler purplish-grey colour, spotted and blotched, more densely at the broad end than elsewhere, with brown, umber-brown, and lavender.

## **Menura superba**, *Davies.*

Menura superba, *Cab. J. f. O.* 1856, p. 132; *Gould, Handb. Birds Austr.* i. p. 298 (1865); *Ramsay, P. Z. S.* 1868, p. 49; *North, Nests & Eggs Austr. Birds,* p. 119, pl. x. fig. 4 (1889); *Sharpe, Cat. Birds B. M.* xiii. p. 661 (1890); *Nehrk. Kat. Eiersamml.* p. 136 (1899); *Campbell, Nests & Eggs Austr. Birds,* i. p. 507 (1901); *Sharpe, Hand-l.* iii. p. 3 (1901).

The eggs of the Common Lyre-bird measure from 2·28 to 2·48 in length, and from 1·55 to 1·7 in breadth.

| | | |
|---|---|---|
| 1. | New South Wales (*E. P. Ramsay*). | Gould Coll. |
| 3. | Clarence River, N.S.W. | Crowley Bequest. |
| 1. | Grafton, N.S.W. | Crowley Bequest. |

## **Menura victoriæ**, *Gould.*

(Plate III. fig. 18.)

Menura victoriæ, *Gould, Handb. Birds Austr.* i. p. 302 (1865); *Cab. J. f. O.* 1881, taf. iii. fig. 2; *Ramsay, Proc. Linn. Soc. N.S.W.* vii. p. 51, pl. 4. figs. 1–4 (1882); *North, Nests & Eggs Austr. Birds,* p. 122, pl. x. figs. 1 & 2 (1889); *Sharpe, Cat. Birds B. M.* xiii. p. 662 (1890); *Nehrk. Kat. Eiersamml.* p. 436 (1899); *Campbell, Nests & Eggs Austr. Birds,* i. p. 510, pl. 16 (1901); *Sharpe, Hand-l.* iii. p. 3 (1901).

The eggs of Queen Victoria's Lyre-bird measure from 2·37 to 2·5 in length, and from 1·6 to 1·77 in breadth.

| | | |
|---|---|---|
| 1. | [Victoria.] | Crowley Bequest. |
| 2. | Gippsland, Victoria. | Crowley Bequest. |
| 1. | Gippsland, 10th July (*A. J. North*). | Crowley Bequest. |
| 1. | Gippsland, 30th July (*A. J. N.*). | Crowley Bequest. |
| 2. | Dandenong Ranges, S. Gippsland, August. | W. Radcliffe Saunders, Esq. [P.]. |
| 2. | Victoria. | Gould Coll. |

## **Menura alberti**, *Gould.*

Menura alberti, *Thien. Fortpflanz. ges. Vög.* tab. ic. fig. 9 (1845–54); *Gould, P. Z. S.* 1853, p. 45, *Aves,* pl. liii.; *id. Handb. Birds Austr.* i. p. 307 (1865); *Leycester, Ibis,* 1861, p. 167; *Ramsay, Proc. Linn. Soc. N.S.W.* vii. p. 50, pl. 5. figs. 1 & 2 (1882); *North, Nests & Eggs Austr. Birds,* p. 122, pl. x. fig. 3 (1889); *Sharpe, Cat. Birds B. M.* xiii. p. 662 (1890); *Campbell, Nests & Eggs Austr. Birds,* i. p. 523 (1901); *Sharpe, Hand-l.* iii. p. 3 (1901).

The eggs of Prince Albert's Lyre-bird measure from 2·21 to 2·5 in length, and from 1·64 to 1·78 in breadth.

| | | |
|---|---|---|
| 1. | Australia. | Gould Coll. |
| 2. | Australia. | Purchased. |
| 2. | Mary River, Queensland. | Crowley Bequest. |

# Order PASSERIFORMES.

## Sub-Order *MESOMYODI.*

## Division TRACHEOPHONÆ.

## Family PTEROPTOCHIDÆ.

The eggs of the species of Pteroptochidæ represented in the Collection are of a broad oval, approaching an elliptical form, smooth in texture, almost devoid of gloss, and plain white.

### Genus **SCYTALOPUS**, *Gould.*

### **Scytalopus magellanicus** (*Gm.*).

Scytalopus magellanicus, *Scl. & Salv. P. Z. S.* 1879, p. 528; *Scl. Cat. Birds B. M.* xv. p. 338 (1890); *Nehrk. Kat. Eiersamml.* p. 151 (1899); *Sharpe, Hand-l.* iii. p. 4 (1901).

An egg of the Magellanic Tapacola measures ·9 by ·7.

1. Sta. Elena, Antioquia, U.S. Colombia (*T. K. Salmon*). Salvin-Godman Coll.

### **Scytalopus obscurus** (*King*).

Scytalopus obscurus, *Scl. Cat. Birds B. M.* xv. p. 340 (1890); *James, New List Chilian Birds,* p. 4 (1892); *Sharpe, Hand-l.* iii. p. 5 (1901).

Four eggs of King's Tapacola measure respectively: ·87 by ·65; ·82 by ·65; ·88 by ·67; ·81 by ·64.

4. Central Chile (*Landbeck*). Berkeley James Coll.

### **Scytalopus indigoticus** (*Wied*).

Scytalopus indigoticus, *Scl. Cat. Birds B. M.* xv. p. 341 (1890); *Sharpe, Hand-l.* iii. p. 5 (1901).

Two eggs of the White-breasted Tapacola measure respectively: ·81 by ·68; ·88 by ·65.

2. Serra do Mar, Brazil, 30th Nov. Crowley Bequest.

### Genus **PTEROPTOCHUS**, *Kittl.*

**Pteroptochus albicollis**, *Kittl.*

Pteroptochus albicollis, *Scl. & Huds. Argent. Orn.* i. p. 207 (1888); *Scl. Cat. Birds B. M.* xv. p. 346 (1890); *James, New List Chilian Birds*, p. 5 (1892); *Nehrk. Kat. Eiersamml.* p. 151 (1899); *Sharpe, Hand-l.* iii. p. 6 (1901).

An egg of the White-necked Tapacola measures 1·2 by ·96.

1. Central Chile, Oct. Berkeley James Coll.

### Genus **HYLACTES**, *King.*

**Hylactes megapodius** (*Kittl.*).

Hylactes megapodius, *Scl. Cat. Birds B. M.* xv. p. 349 (1890); *Lane, Ibis*, 1897, p. 45; *Scl. Bull. B. O. C.* vii. p. xxiii (1897); *Sharpe, Hand-l.* iii. p. 7 (1901).

An egg of the Turco measures 1·35 by 1·05.

1. Mansel, Central Chile (*A. A. Lane*). Berkeley James Coll.

## Family CONOPOPHAGIDÆ.

### Genus **CONOPOPHAGA**, *Vieill.*

**Conopophaga lineata** (*Wied*).

(Plate III. fig. 12.)

Conopophaga lineata, *Scl. Cat. Birds B. M.* xv. p. 333 (1890); *Nehrk. Kat. Eiersamml.* p. 151 (1899); *von Ihering, Rev. Mus. Paulista*, iv. p. 251 (1900); *Sharpe, Hand-l.* iii. p. 8 (1901).

An egg of the Lineated Gnat-eater in the Collection is spheroidal in shape, slightly glossy, and cream-coloured, smeared here and there with pale brownish pink. It measures ·83 by ·7. A second example is of a pointed oval shape, moderately glossy, and of a pinkish cream-colour, clouded, chiefly at the broad end, with pale rufous brown. It measures ·93 by ·7.

2. Iguapé, Brazil, 20th Oct. Crowley Bequest.

# Family FORMICARIIDÆ.

## Genus **THAMNOPHILUS**, *Vieill.*

### **Thamnophilus guttatus**, *Vieill.*

(Plate III. fig. 9.)

Thamnophilus guttatus, *Scl. Cat. Birds B. M.* xv. p. 182 (1890); *Nehrk. Kat. Eiersamml.* p. 150 (1899); *von Ihering, Rev. Mus. Paulista,* iv. p. 248 (1900); *Sharpe, Hand-l.* iii. p. 10 (1901),

The eggs of the Spotted Bush-bird are of a narrow oval shape and moderately glossy. They are white, streakily blotched and spotted with two shades of rich brownish purple. Two specimens in the Collection have the markings evenly distributed over the shell; a third has them grouped chiefly at the broad end. They measure respectively: ·95 by ·62; ·89 by ·67; ·9 by ·66.

| | | |
|---|---|---|
| 2. | Brazil, 24th Oct. | Crowley Bequest. |
| 1. | Rio de Janeiro (*Nehrkorn Coll.*). | Crowley Bequest. |

### **Thamnophilus major**, *Vieill.*

(Plate III. fig. 1.)

Thamnophilus major, *Scl. & Huds. Argent. Orn.* i. p. 203 (1888); *Scl. Cat. Birds B. M.* xv. p. 186 (1890); *Nehrk. Kat. Eiersamml.* p. 150 (1899); *von Ihering, Rev. Mus. Paulista,* iv. p. 248 (1900); *Sharpe, Hand-l.* iii. p. 11 (1901).

The eggs of the Large Bush-bird are of an ordinary oval shape, and moderately glossy. They are white or cream-coloured, marked with blotches, spots, and lines of various shades of brownish-purple and lavender-grey. In one specimen the markings form a dense confluent cap at the broad end; in another they are sparingly distributed over the whole shell. Two examples measure respectively: 1·11 by ·8; 1·11 by ·8.

| | | |
|---|---|---|
| 2. | Argentine Republic. | Crowley Bequest. |

### **Thamnophilus ruficollis**, *Spix.*

(Plate III. fig. 2.)

Thamnophilus amazonicus, *Scl. Cat. Birds B. M.* xv. p. 199 (1890).
Thamnophilus ruficollis, *Sharpe, Hand-l.* iii. p. 14 (1901).

The eggs of the Red-necked Bush-bird in the Collection are of an extremely narrow oval form, and moderately glossy. They are creamy white, mottled, more densely at the broad end than elsewhere, with reddish brown and lilac. Two examples measure respectively: 1·04 by ·65; 1·08 by ·65.

| | | |
|---|---|---|
| 2. | British Guiana (*H. Whitely*). | Crowley Bequest. |

### **Thamnophilus doliatus** (*Linn.*).

Thamnophilus doliatus, *Thien. Fortpflanz. ges. Vög.* p. 321, tab. xxxi. fig. 13 (1845–54); *Scl. Cat. Birds B. M.* xv. p. 207 (1890); *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 202 (1892); *Nehrk. Kat. Eiersamml.* p. 150 (1899); *von Ihering, Rev. Mus. Paulista,* iv. p. 249 (1900); *Sharpe, Hand-l.* iii. p. 15 (1901).

The eggs of the Crafty Bush-bird are of a regular oval shape, and exhibit a small amount of gloss. They are creamy white in ground-colour, marked with rich brownish purple and lilac-red. In two specimens in the Collection the markings consist of distinct roundish spots, combined with some fine scrawls. In others they consist of streaky spots and blotches, combined with coarse scrawls and finer twisted lines. Five examples measure respectively: ·94 by ·67; 1 by ·7; 1 by ·7; ·9 by ·7; ·9 by ·69.

| | | |
|---|---|---|
| 1. | Yucatan (*Nehrkorn Coll.*). | Crowley Bequest. |
| 1. | Valladolid, Yucatan (*G. F. Gaumer*). | Gould Coll. |
| 2. | British Honduras (*F. Blancaneaux*). | Salvin-Godman Coll. |
| 1. | Brazil (*Nehrkorn Coll.*). | Crowley Bequest. |

### **Thamnophilus multistriatus**, *Lafr.*

(Plate III. fig. 3.)

Thamnophilus multistriatus, *Scl. & Salv. P. Z. S.* 1879, p. 524; *Scl. Cat. Birds B. M.* xv. p. 211 (1890); *Sharpe, Hand-l.* iii. p. 16 (1901).

An egg of the Striated Bush-bird in the Collection resembles the eggs of *T. doliatus* of the second type. It measures 1 by ·65.

| | | |
|---|---|---|
| 1. | Medellin, Antioquia, U.S. Colombia (*T. K. Salmon*). | Salvin-Godman Coll. |

### **Thamnophilus palliatus** (*Licht.*).

(Plate III. fig. 5.)

Thamnophilus palliatus, *Scl. Cat. Birds B. M.* xv. p. 212 (1890); *Nehrk. Kat. Eiersamml.* p. 151 (1899); *Sharpe, Hand-l.* iii. p. 17 (1901).

An egg of the Mantled Bush-bird in the Collection is of a broad oval shape, and exhibits little gloss. It is of a creamy-white colour, marked, in the form of a broad, irregular, and more or less confluent band round the larger end, with deep brownish red, lavender and lilac. The markings consist of spots, blotches and a few lines. The specimen measures ·84 by ·67.

| | | |
|---|---|---|
| 1. | Sta. Catharina, Brazil. | Crowley Bequest. |

## Genus **DYSITHAMNUS**, *Cab.*

### **Dysithamnus unicolor**, *Scl.*

Dysithamnus unicolor, *Scl. & Salv. P. Z. S.* 1879, p. 525, pl. xliii. fig. 9; *Scl. Cat. Birds B. M.* xv. p. 225 (1890); *Sharpe, Hand-l.* iii. p. 20 (1901).

An egg of the Colombian Plumbeous Bush-bird is of a regular oval shape, and possesses little gloss. It is creamy white, marked, chiefly round the middle portion of the shell, with rich brownish-purple and dark lavender spots and blotches. It measures ·95 by ·64.

1. Sta. Elena, Antioquia, U.S. Colombia (*T. K. Salmon*). Crowley Bequest.

### Genus **MYRMOTHERULA**, *Scl.*

### **Myrmotherula surinamensis** (*Gm.*).

(Plate III. fig. 7.)

Myrmotherula surinamensis, *Scl. & Salv. P. Z. S.* 1879, p. 525; *Scl. Cat. Birds B. M.* xv. p. 231 (1890); *Salv. & Godm. Biol. Centr.-Amer., Aves*, ii. p. 209 (1892); *Sharpe, Hand-l.* iii. p. 20 (1901).

The eggs of the Surinam Bush-bird in the Collection are of a sharply pointed oval form and devoid of gloss. They are of an extremely pale green or greenish-white colour, and measure respectively: ·78 by ·63; ·84 by ·65.

2. Remedios, Antioquia, U.S. Colombia (*T. K. Salmon*). Salvin-Godman Coll.

### Genus **CERCOMACRA**, *Scl.*

### **Cercomacra nigricans**, *Scl.*

(Plate III. fig. 6.)

Cercomacra nigricans, *Scl. & Salv. P. Z. S.* 1879, p. 526; *Scl. Cat. Birds B. M.* xv. p. 267 (1890); *Salv. & Godm. Biol. Centr.-Amer., Aves*, ii. p. 215 (1892); *Sharpe, Hand-l.* iii. p. 29 (1901).

The eggs of Sclater's Black Bush-bird in the Collection are of a blunt oval shape and devoid of gloss. They are of a pink colour, mottled and blotched all over with dark purplish red and lavender. There are also some dark irregular lines scattered over the shell. Two specimens measure respectively: ·85 by ·6; ·84 by ·6.

2. Remedios, Antioquia, U.S. Colombia (*T. K. Salmon*). Salvin-Godman Coll.

### Genus **PYRIGLENA**, *Cab.*

### **Pyriglena leucoptera** (*Vieill.*).

(Plate III. fig. 4.)

Pyriglena leucoptera, *Scl. Cat. Birds B. M.* xv. p. 269 (1890); *Nehrk. Kat. Eiersamml.* p. 151 (1899); *von Ihering, Rev. Mus. Paulista*, iv. p. 250 (1900); *Sharpe, Hand-l.* iii. p. 29 (1901).

Eggs of the White-winged Bush-bird in the Collection are of a creamy-white colour, marked all over, but more densely at the broad end than elsewhere, with spots, blotches, and fine twisted lines of deep brownish purple and lilac-red. Two examples measure respectively: ·99 by ·73; 1·05 by ·75.

2. Iguapé, Brazil, 25th Oct. Crowley Bequest.

## Genus **GRALLARIA**, *Vieill.*

### **Grallaria ruficeps**, *Scl.*

Grallaria ruficeps, *Scl. & Salv. P. Z. S.* 1879, p. 526, pl. xliii. fig. 5; *Scl. Cat. Birds B. M.* xv. p. 317 (1890); *Sharpe, Hand-l.* iii. p. 42 (1901).

Eggs of the Red-headed Brown Ant-bird in the Collection are of an elliptical shape and slightly glossy. They are of a deep blue colour. Two examples measure respectively: 1·45 by 1·1; 1·43 by 1·06.

2. Medellin, Antioquia, U.S. Colombia Salvin-Godman Coll. (*T. K. Salmon*).

### **Grallaria ruficapilla**, *Lafr.*

Grallaria ruficapilla, *Scl. & Salv. P. Z. S.* 1879, p. 527, pl. xliii. fig. 6; *Scl. Cat. Birds B. M.* xv. p. 320 (1890); *Sharpe, Hand-l.* iii. p. 43 (1901).

Eggs of the Chestnut-headed Ant-bird in the Collection are spheroidal in shape, almost devoid of all gloss, and of a dull green colour. They measure respectively: 1·18 by 1; 1·22 by 1·03.

2. Concordia, Antioquia, U.S. Colombia Salvin-Godman Coll. (*T. K. Salmon*).

## Genus **GRALLARICULA**, *Scl.*

### **Grallaricula cucullata** (*Scl.*).

(Plate III. fig. 8.)

Grallaricula cucullata, *Scl. & Salv. P. Z. S.* 1879, p. 527; *Scl. Cat. Birds B. M.* xv. p. 327 (1890); *Sharpe, Hand-l.* iii. p. 45 (1901).

An egg of the Little Hooded Ant-bird in the Collection is spheroidal in shape and but slightly glossy. It is of a buff colour, marked with large confluent blotches of very deep reddish brown at the broad end, and with rufous and lavender specks and spots elsewhere. It measures ·8 by ·63.

1. Sta. Elena, Antioquia, U.S. Colombia Salvin-Godman Coll. (*T. K. Salmon*).

# Family DENDROCOLAPTIDÆ.

The eggs of the species of Dendrocolaptidæ represented in the Collection are all unmarked, and vary in colour from white, through greenish white and pale greenish blue, to deep blue.

## Sub-Family FURNARIINÆ.

The eggs of the birds of this sub-family are white and moderately glossy.

### Genus **GEOSITTA**, *Swains.*

### **Geositta cunicularia** (*Vieill.*).

Geositta cunicularia, *Scl. & Huds. Argent. Orn.* i. p. 165 (1888); *Scl. Cat. Birds B. M.* xv. p. 5 (1890); *Holland, Ibis*, 1892, p. 201; *Nehrk. Kat. Eiersamml.* p. 148 (1899); *Sharpe, Hand-l.* iii. p. 45 (1901).

The eggs of the Common Miner are of a somewhat pointed oval form, and measure from ·92 to 1·02 in length, and from ·72 to ·75 in breadth.

| | | |
|---|---|---|
| 6. | Argentine Republic, Nov. | A. H. Holland, Esq. [C.]. |

### Genus **FURNARIUS**, *Vieill.*

### **Furnarius rufus** (*Gm.*).

Furnarius rufus, *Dalgleish, Proc. R. Phys. Soc. Edinb.* vi. p. 242 (1880–81); x. p. 79 (1888–90); *Scl. & Huds. Argent. Orn.* i. p. 167 (1888); *Scl. Cat. Birds B. M.* xv. p. 11 (1890); *Holland, Ibis,* 1892, p. 201; *Aplin, Ibis,* 1894, p. 181; *Nehrk. Kat. Eiersamml.* p. 148 (1899); *von Ihering, Rev. Mus. Paulista,* iv. p. 241 (1900); *Sharpe, Hand-l.* iii. p. 46 (1901).

The eggs of the Red Oven-bird are of a regular oval shape, and measure from 1·06 to 1·21 in length, and from ·8 to ·87 in breadth.

| | | |
|---|---|---|
| 5. | Argentine Republic, Nov. | A. H. Holland, Esq. [C.]. |
| 2. | Argentine Republic. | Crowley Bequest. |
| 2. | 70 miles S.W. of Buenos Ayres. | G. S. Morris, Esq. [P.]. |

### Furnarius minor, *Pelz.*

Furnarius minor, *Scl. & Salv. P. Z. S.* 1873, p. 268; *Scl. Cat. Birds B. M.* xv. p. 14 (1890); *Sharpe, Hand-l.* iii. p. 47 (1901).

An egg of the Smaller Oven-bird is of a regular oval shape, and measures ·88 by ·68.

1. Upper Amazonia (*E. Bartlett*). Crowley Bequest.

### Furnarius torridus, *Scl. & Salv.*

Furnarius torridus, *Scl. & Salv. P. Z. S.* 1873, p. 268; *Scl. Cat. Birds B. M.* xv. p. 15 (1890); *Sharpe, Hand-l.* iii. p. 47 (1901).

An egg of Bartlett's Oven-bird is almost elliptical in shape, and measures 1 by ·71.

1. Upper Amazonia (*E. Bartlett*). Crowley Bequest.

### Furnarius cinnamomeus (*Less.*).

Furnarius cinnamomeus, *Scl. P. Z. S.* 1860, p. 277; *Tacz. P. Z. S.* 1877, p. 751; *Scl. Cat. Birds B. M.* xv. p. 15 (1890); *Nehrk. Kat. Eiersamml.* p. 148 (1899); *Sharpe, Hand-l.* iii. p. 47 (1901).

The eggs of the Long-billed Oven-bird in the Collection are of a regular oval form, and measure respectively: 1·05 by ·74; 1·05 by ·76; 1·12 by ·82.

2. Peru (*Nehrkorn Coll.*). Crowley Bequest.
1. Peru (*Nehrkorn Coll.*). Crowley Bequest.

## Genus **UPUCERTHIA**, *Geoffr. St.-Hilaire.*

### Upucerthia fitzgeraldi, *Scott.*

Upucerthia fitzgeraldi, *Scott, Bull. B. O. C.* x. p. lxiii (1900); *Sharpe, Hand-l.* iii. p. 48 (1901).

The eggs of FitzGerald's Ground-creeper in the Collection are of a regular oval form, and measure respectively: 1·15 by ·8; 1·13 by ·85; 1·13 by ·81.

3. Puerte del Inca, Argentine Republic (*P. H. Gosse, Junior*). E. A. FitzGerald, Esq. [P.].

## Genus **CINCLODES**, *Gray.*

### Cinclodes nigrifumosus (*d'Orb. & Lafr.*).

Cinclodes nigrifumosus, *Scl. Cat. Birds B. M.* xv. p. 21 (1890); *James, New List Chilian Birds*, p. 4 (1892); *Nehrk. Kat. Eiersamml.* p. 148 (1899); *Sharpe, Hand-l.* iii. p. 49 (1901).

The eggs of the Smoky-black Cinclodes are of an ordinary oval.

Five examples measure respectively: 1 by ·78; 1 by ·8; 1·02 by ·79; ·91 by ·71; 1·08 by ·81.

| | | |
|---|---|---|
| 3. | Central Chile (*Landbeck*). | Berkeley James Coll. |
| 1. | Chile (*Tristram Coll.*). | Crowley Bequest. |
| 1. | Chile, June (*Nehrkorn Coll.*). | Crowley Bequest. |

### **Cinclodes fuscus** (*Vieill.*).

Cinclodes fuscus, *Scl. & Huds. Argent. Orn.* i. p. 172 (1888); *Scl. Cat. Birds B. M.* xv. p. 23 (1890); *Sharpe, Hand-l.* iii. p. 50 (1901).

The eggs of the Brown Cinclodes are of a broad oval shape. Five examples measure respectively: ·99 by ·75; ·99 by ·76; 1·02 by ·8; 1·07 by ·84; 1·05 by ·82.

| | | |
|---|---|---|
| 3. | Andes of the Argentine Republic, 14th Dec. (*P. H. Gosse, Junior*). | E. A. FitzGerald, Esq. [P.]. |
| 2. | Argentine Republic, 24th Oct. | Crowley Bequest. |

## Genus **LOCHMIAS**, *Swains.*

### **Lochmias nematura** (*Licht.*).

Lochmias nematura, *Scl. & Huds. Argent. Orn.* i. p. 174 (1888); *Scl. Cat. Birds B. M.* xv. p. 28 (1890); *Goëldi, Ibis*, 1894, p. 490, figs. 2 & 3; *von Ihering, Rev. Mus. Paulista*, iv. p. 242 (1900); *Sharpe, Hand-l.* iii. p. 51 (1901).

Two eggs of the Brazilian Lochmias are of a regular oval form. One of these measures ·95 by ·7.

| | | |
|---|---|---|
| 2. | Colonia Alpina, Rio de Janeiro, 2nd Sept. | Dr. E. A. Goëldi [P.]. |

# Sub-Family SYNALLAXINÆ.

The eggs of the species of *Synallaxinæ* are variable in colour, some being white, others pale green, and those of one species deep blue.

## Genus **APHRASTURA**, *Oberholser.*

### **Aphrastura spinicauda** (*Gm.*).

Oxyurus spinicauda, *Scl. Cat. Birds B. M.* xv. p. 30 (1890); *James, New List Chilian Birds*, p. 4 (1892).
Aphrastura spinicauda, *Sharpe, Hand-l.* iii. p. 51 (1901).

The eggs of the Chilian Spine-tail are of a regular oval form, almost devoid of all gloss, and of a white colour. The specimens in the Collection are of the same size, and measure ·75 by ·55.

| | | |
|---|---|---|
| 2. | Central Chile, Oct. | Berkeley James Coll. |
| 3. | Central Chile, Oct. | Berkeley James Coll. |
| 3. | Central Chile, Oct. | Berkeley James Coll. |
| 3. | Central Chile, Oct. | Berkeley James Coll. |

## Genus **SYLVIORTHORHYNCHUS**, *Des Murs.*

### **Sylviorthorhynchus desmursi**, *Gay.*

Sylviorthorhynchus desmursi, *Scl. Cat. Birds B. M.* xv. p. 31 (1890); *Nehrk. Cat. Eiersamml.* p. 148 (1890); *Sharpe, Hand-l.* iii. p. 52 (1901).

An egg of Des Murs's Spine-tail is of a pointed oval form, moderately glossy, and white in colour. It measures ·82 by ·6.

| | | |
|---|---|---|
| 1. | Chile. | Crowley Bequest. |

## Genus **PHLŒOCRYPTES**, *Cab. & Heine.*

### **Phlœocryptes melanops** (*Vieill.*).

(Plate III. fig. 14.)

Phlœocryptes melanops, *Scl. & Huds. Argent. Orn.* i. p. 174 (1888); *Scl. Cat. Birds B. M.* xv. p. 33 (1890); *James, New List Chilian Birds,* p. 4 (1892); *Holland, Ibis,* 1892, p. 201; *Aplin, Ibis,* 1894, p. 182; *Nehrk. Kat. Eiersamml.* p. 148 (1899); *von Ihering, Rev. Mus. Paulista,* iv. p. 242 (1900); *Sharpe, Hand-l.* iii. p. 52 (1901).

The eggs of the Rush-loving Spine-tail are of a regular oval form, glossy, and of a deep blue colour. They measure from ·75 to ·91 in length, and from ·6 to ·65 in breadth.

| | | |
|---|---|---|
| 4. | Chile. | Old Collection. |
| 1. | Chile. | Crowley Bequest. |
| 1. | Chile (*Tristram Coll.*). | Crowley Bequest. |
| 3. | Central Chile, Sept. | Berkeley James Coll. |
| 3. | Central Chile, Sept. | Berkeley James Coll. |
| 3. | Central Chile, Oct. | Berkeley James Coll. |
| 3. | Central Chile, Oct. | Berkeley James Coll. |
| 2. | Santiago, Chile, 3rd Dec. (*Tristram Coll.*). | Crowley Bequest. |
| 3. | Argentine Republic, Oct. | A. H. Holland. Esq. [C.]. |
| 3. | Argentine Republic, Oct. | A. H. Holland, Esq. [C.]. |
| 4. | Argentine Republic, Oct. | A. H. Holland, Esq. [C.]. |
| 2. | Uruguay, Dec. | O. V. Aplin, Esq. [P.]. |

## Genus **LEPTASTHENURA**, *Reichenb.*

### **Leptasthenura ægithaloides** (*Kittl.*).

Leptasthenura ægithaloides, *Scl. & Huds. Argent. Orn.* i. p. 177 (1888); *Scl. Cat. Birds B. M.* xv. p. 35 (1890); *James, New List Chilian Birds,* p. 4 (1892); *Holland, Ibis,* 1892, p. 201; *Nehrk. Kat. Eiersamml.* p. 148 (1899); *Sharpe, Hand-l.* iii. p. 53 (1901).

The eggs of the Tit-like Spine-tail are of a regular oval shape, devoid of gloss, and plain white in colour. They measure from ·65 to ·72 in length, and from ·52 to ·56 in breadth.

| | | |
|---|---|---|
| 3. | Central Chile, Oct. | Berkeley James Coll. |
| 2. | Central Chile, Nov. | Berkeley James Coll. |
| 3. | Central Chile, Oct. | Berkeley James Coll. |
| 3. | Central Chile, Oct. | Berkeley James Coll. |
| 2. | Chile. | Crowley Bequest. |
| 3. | Argentine Republic, Nov. | A. H. Holland, Esq. [C.]. |

## Genus **SYNALLAXIS**, *Vieill.*

### **Synallaxis ruficapilla**, *Vieill.*

Synallaxis ruficapilla, *Scl. Cat. Birds B. M.* xv. p. 38 (1890); *Nehrk. Kat. Eiersamml.* p. 148 (1899); *von Ihering, Rev. Mus. Paulista,* iv. p. 242 (1900); *Sharpe, Hand-l.* iii. p. 54 (1901).

The eggs of the Red-capped Spine-tail are of a broad oval form, devoid of gloss, and of a greenish-white colour. They measure from ·72 to ·78 in length, and from ·56 to ·6 in breadth.

| | | |
|---|---|---|
| 4. | Brazil. | Spencer Moore, Esq. [P.]. |
| 2. | Rio Grande, Brazil. | Crowley Bequest. |

### **Synallaxis frontalis**, *Pelz.*

Synallaxis frontalis, *Scl. & Salv. P. Z. S.* 1879, p. 520; *Scl. & Huds. Argent. Orn.* i. p. 178 (1888); *Scl. Cat. Birds B. M.* xv. p. 39 (1890); *Nehrk. Kat. Eiersamml.* p. 148 (1899); *Sharpe, Hand-l.* iii. p. 54 (1901).

The eggs of the Brown-fronted Spine-tail are of a regular oval shape, slightly glossy, and of a very pale greenish-white colour. Four examples measure respectively: ·83 by ·64; ·8 by ·62; ·78 by ·58; ·76 by ·59.

| | | |
|---|---|---|
| 2. | Sta. Elena, Antioquia, U.S. Colombia (*T. K. Salmon*). | Salvin-Godman Coll. |
| 2. | Argentine Republic. | Crowley Bequest. |

### **Synallaxis albescens**, *Temm.*

(Plate III. fig. 11.).

Synallaxis albescens, *Scl. & Salv. P. Z. S.* 1879, p. 521; *Scl. & Huds. Argent. Orn.* i. p. 179 (1888); *Scl. Cat. Birds B. M.* xv. p. 43 (1890); *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 147 (1891); *Holland, Ibis,* 1895, p. 216; *Nehrk. Kat. Eiersamml.* p. 148 (1899); *von Ihering, Rev. Mus. Paulista,* iv. p. 243 (1900); *Sharpe, Hand-l.* iii. p. 54 (1901).

The eggs of Temminck's White-throated Spine-tail are of a regular oval shape, slightly glossy, and of a bluish-white colour. They measure from ·79 to ·87 in length, and from ·55 to ·65 in breadth.

| | | |
|---|---|---|
| 2. | Medellin, Antioquia, U.S. Colombia (*T. K. Salmon*). | Salvin-Godman Coll. |
| 5. | Argentine Republic, Nov. | A. H. Holland, Esq. [C.]. |
| 2. | Argentine Republic. | Crowley Bequest. |

### Synallaxis pudica, *Scl.*

(Plate III. fig. 10.)

Synallaxis pudica, *Scl. & Salv. P. Z. S.* 1879, p. 521; *Scl. Cat. Birds B. M.* xv. p. 45 (1890); *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 149 (1891); *Nehrk. Kat. Eiersamml.* p. 148 (1899); *Sharpe, Hand-l.* iii. p. 55 (1901).

The eggs of Sclater's Spine-tail in the Collection are of a broad oval form, devoid of gloss, and of a pale bluish-green colour. They measure respectively: ·85 by ·64; ·84 by ·65; ·94 by ·7.

| | | |
|---|---|---|
| 2. | Remedios, Antioquia, U.S. Colombia (*T. K. Salmon*). | Salvin-Godman Coll. |
| 1. | U.S. Colombia. | Crowley Bequest. |

### Synallaxis guianensis (*Gm.*).

Synallaxis guianensis, *Scl. Cat. Birds B. M.* xv. p. 46 (1890); *Sharpe, Hand-l.* iii. p. 55 (1901).

An egg of the Guiana Spine-tail in the Collection is elliptical in shape, and of a white colour, very faintly tinged with green. It measures ·82 by ·68.

| | | |
|---|---|---|
| 1. | [U.S. Colombia.] | Crowley Bequest. |

### Synallaxis cinnamomea (*Gm.*).

Synallaxis mentalis, *Euler, J. f. O.* 1867, p. 400.
Synallaxis cinnamomea, *Scl. Cat. Birds B. M.* xv. p. 50 (1890); *Nehrk. Kat. Eiersamml.* p. 148 (1899); *von Ihering, Rev. Mus. Paulista,* iv. p. 243 (1900); *Sharpe, Hand-l.* iii. p. 56 (1901).

The eggs of the Cinnamon Spine-tail are of an ordinary oval form, devoid of gloss, and of an ashy-white colour. They measure from ·77 to ·8 in length, and from ·6 to ·62 in breadth.

| | | |
|---|---|---|
| 1. | Brazil. | W. Radcliffe Saunders, Esq. [P.]. |
| 2. | Brazil, 1st Nov. | Crowley Bequest. |
| 2. | Iguapé, Brazil, 20th Oct. | Crowley Bequest. |
| 1. | [Brazil (*Nehrkorn Coll.*).] | Crowley Bequest. |

### Synallaxis castanea, *Scl.*

Synallaxis castanea, *Scl. Cat. Birds B. M.* xv. p. 53 (1890); *Nehrk. Kat. Eiersamml.* p. 149 (1899); *Sharpe, Hand-l.* iii. p. 56 (1901).

An egg of the Chestnut Spine-tail in the Collection is of a pointed oval shape, slightly glossy, and of a pale greenish-white colour. It measures ·8 by ·61.

| | | |
|---|---|---|
| 1. | Venezuela (*Tristram Coll.*). | Crowley Bequest. |

### Synallaxis gularis, *Lafr.*

Synallaxis gularis, *Scl. Cat. Birds B. M.* xv. p. 55 (1890); *Nehrk. Kat. Eiersamml.* p. 149 (1899); *Sharpe, Hand-l.* iii. p. 57 (1901).

An egg of Lafresnaye's White-throated Spine-tail in the Collection is of a regular oval shape, devoid of gloss, and of a very pale greenish white. It measures ·85 by ·68.

1. Venezuela (*Nehrkorn Coll.*). Crowley Bequest.

### Synallaxis erythrothorax, *Scl.*

Synallaxis erythrothorax, *Scl. Cat. Birds B. M.* xv. p. 55 (1890); *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 150 (1891); *Sharpe, Hand-l.* iii. p. 57 (1901).

The eggs of the Red-breasted Spine-tail in the Collection are white, of a regular oval form, and devoid of gloss. Three examples measure respectively: ·84 by ·6; ·8 by ·62; ·8 by ·61.

3. British Honduras (*F. Blancaneaux*). Salvin-Godman Coll.

### Synallaxis phryganophila (*Vieill.*).

Synallaxis phryganophila, *Scl. & Huds. Argent. Orn.* i. p. 181 (1888); *Scl. Cat. Birds B. M.* xv. p. 57 (1890); *Nehrk. Kat. Eiersamml.* p. 149 (1899); *Sharpe, Hand-l.* iii. p. 58 (1901).

The eggs of the Yellow-throated Spine-tail in the Collection are white, of a regular oval form, and devoid of gloss. They measure respectively: ·77 by ·58; ·77 by ·16.

2. Argentine Republic. Crowley Bequest.

## Genus SIPTORNIS, *Reichenb.*

### Siptornis erythrops (*Scl.*).

Synallaxis erythrops, *Scl. & Salv. P. Z. S.* 1879, p. 521.
Siptornis erythrops, *Scl. Cat. Birds B. M.* xv. p. 60 (1890); *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 151 (1891); *Sharpe, Hand-l.* iii. p. 59 (1901).

The eggs of the Red-faced Spine-tail in the Collection are white, of a pointed oval shape, and devoid of gloss. They measure respectively: ·95 by ·65; ·88 by ·6.

2. Frontino, Antioquia, U.S. Colombia (*T. K. Salmon*). Salvin-Godman Coll.

### Siptornis striaticeps (*d'Orb. & Lafr.*).

Siptornis striaticeps, *Scl. & Huds. Argent. Orn.* i. p. 182 (1888); *Scl. Cat. Birds B. M.* xv. p. 63 (1890); *Nehrk. Kat. Eiersamml.* p. 149 (1899); *Sharpe, Hand-l.* iii. p. 59 (1901).

The eggs of the Striped Spine-tail appear to be generally of a regular shape, but one example in the Collection is cylindrical in form. They are white and but slightly glossy. Four specimens measure respectively: ·8 by ·6; ·79 by ·59; ·75 by ·55; ·9 by ·52.

| | | |
|---|---|---|
| 2. | Argentine Republic. | Crowley Bequest. |
| 2. | Argentine Republic. | Crowley Bequest. |

### **Siptornis humicola** (*Kittl.*).

Siptornis humicola, *Scl. Cat. Birds B. M.* xv. p. 65 (1890); *James, New List Chilian Birds,* p. 4 (1892); *Nehrk. Kat. Eiersamml.* p. 149 (1899); *Sharpe, Hand-l.* iii. p. 60 (1901).

The eggs of the Ground Spine-tail vary from a pointed to a blunt oval shape, and are sometimes elliptical. They are white and slightly glossy. They measure from ·85 to ·92 in length, and from ·62 to ·68 in breadth.

| | | |
|---|---|---|
| 1. | Bolivia (*Tristram Coll.*). | Crowley Bequest. |
| 4. | Central Chile, Oct. | Berkeley James Coll. |
| 4. | Central Chile, Oct. | Berkeley James Coll. |
| 3. | Central Chile, Oct. | Berkeley James Coll. |
| 3. | Central Chile (*Landbeck*). | Berkeley James Coll. |
| 4. | Central Chile (*Landbeck*). | Berkeley James Coll. |
| 3. | Central Chile (*Landbeck*). | Berkeley James Coll. |
| 1. | South Chile (*Tristram Coll.*). | Crowley Bequest. |

### **Siptornis sordida** (*Less.*).

Synallaxis sordida, *Durnford, Ibis,* 1877, p. 35; *Scl. & Huds. Argent. Orn.* i. p. 184 (1888); *Holland, Ibis,* 1893, p. 487.
Siptornis sordida, *Scl. Cat. Birds B. M.* xv. p. 68 (1890); *Nehrk. Kat. Eiersamml.* p. 149 (1899); *Sharpe, Hand-l.* iii. p. 61 (1901).

The eggs of the Sordid Spine-tail are of a regular oval form, slightly glossy, and of a very pale greenish colour *. They measure from ·66 to ·73 in length, and from ·54 to ·6 in breadth.

| | | |
|---|---|---|
| 3. | Argentine Republic, Nov. | A. H. Holland, Esq. [C.]. |
| 5. | Argentine Republic, Nov. | A. H. Holland, Esq. [C.]. |

### **Siptornis anthoides** (*King*).

Siptornis anthoides, *Scl. Cat. Birds B. M.* xv. p. 70 (1890); *Nehrk. Kat. Eiersamml.* p. 149 (1899); *Sharpe, Hand-l.* iii. p. 61 (1901).

An egg taken in Bolivia, and referred to the Pipit-like Spine-tail, is of a somewhat narrow shape, pointed at both ends, devoid of gloss, and plain white. It measures ·92 by ·67.

| | | |
|---|---|---|
| 1. | Bolivia (*Tristram Coll.*). | Crowley Bequest. |

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* Both Mr. Hudson and Herr Nehrkorn state that the eggs of this bird are white.

### Siptornis hudsoni (*Scl.*).

Synallaxis hudsoni, *Scl. & Huds. Argent. Orn.* i. p. 186 (1888); *Holland, Ibis*, 1892, p. 201.
Siptornis hudsoni, *Scl. Cat. Birds B. M.* xv. p. 70 (1890); *Sharpe, Hand-l.* iii. p. 61 (1901).

An egg of Hudson's Spine-tail is a broad ellipse in shape, slightly glossy, and plain white. It measures ·85 by ·59.

| | | |
|---|---|---|
| 1. | Argentine Republic, Dec. | A. H. Holland, Esq. [C.]. |

## Genus **PSEUDOCOLAPTES**, *Reichenb.*

### Pseudocolaptes boissoneaui (*Lafr.*).

Pseudocolaptes boissoneaui, *Scl. & Salv. P. Z. S.* 1879, p. 521; *Scl. Cat. Birds B. M.* xv. p. 78 (1890); *Sharpe, Hand-l.* iii. p. 62 (1901).

An egg of Boissoneau's Spine-tail in the Collection is a perfect ellipse in shape, devoid of gloss, and white. It measures 1·11 by ·78.

| | | |
|---|---|---|
| 1. | Frontino, Antioquia, U.S. Colombia (*T. K. Salmon*). | Salvin-Godman Coll. |

## Sub-Family PHILYDORINÆ.

The eggs of the species of *Philydorinæ* are white, generally of a regular oval shape, with little or no gloss.

## Genus **ANUMBIUS**, *d'Orb. & Lafr.*

### Anumbius acuticaudatus (*Less.*).

Synallaxis hudsoni (*lapsu*), *Dalgleish, Proc. R. Phys. Soc. Edin.* vi. p. 246 (1880–1).
Anumbius acuticaudus, *Dalgleish, tom. cit.* p. 254 *a*.
Anumbius acuticaudatus, *Scl. & Huds. Argent. Orn.* i. p. 189 (1888); *Scl. Cat. Birds B. M.* xv. p. 75 (1890); *Holland, Ibis*, 1892, p. 202; *Aplin, Ibis*, 1894, p. 183; *Nehrk. Kat. Eiersamml.* p. 149 (1899); *Sharpe, Hand-l.* iii. p. 63 (1901).
Anumbius anumbi, *von Ihering, Rev. Mus. Paulista*, iv. p. 245 (1900).

The eggs of the Firewood-gatherer measure from ·85 to 1 in length, and from ·66 to ·71 in breadth.

| | | |
|---|---|---|
| 5. | Argentine Republic, Nov. | A. H. Holland, Esq. [C.]. |
| 3. | Argentine Republic. | Crowley Bequest. |
| 1. | Villa Mercedes, Argentine Republic, Nov. | The Directors of the Pacific & European Telegraph Co. [P.]. |
| 1. | Uruguay. | O. V. Aplin, Esq. [P.]. |

## Genus **PHACELODOMUS**, *Reichenb.*

### **Phacelodomus ruber** (*Vieill.*).

Phacellodomus ruber, *Scl. & Huds. Argent. Orn.* i. p. 194 (1888); *Dalgleish, Proc. R. Phys. Soc. Edinb.* x. p. 79 (1888–90).
Phacelodomus ruber, *Scl. Cat. Birds B. M.* xv. p. 80 (1890); *Sharpe, Hand-l.* iii. p. 63 (1901).

Two eggs of the Red Thorn-bird measure respectively: ·85 by ·66; ·9 by ·65.

| | | |
|---|---|---|
| 2. | Argentine Republic. | Crowley Bequest. |

### **Phacelodomus striaticollis** (*d'Orb. & Lafr.*).

Phacellodomus striaticollis, *Scl. & Huds. Argent. Orn.* i. p. 194 (1888); *von Ihering, Rev. Mus. Paulista,* iv. p. 245 (1900).
Phacelodomus striaticollis, *Scl. Cat. Birds B. M.* xv. p. 82 (1890); *Aplin, Ibis,* 1894, p. 183; *Nehrk. Kat. Eiersamml.* p. 149 (1899); *Sharpe, Hand-l.* iii. p. 64 (1901).

An egg of the Red-winged Thorn-bird measures ·92 by ·6.

| | | |
|---|---|---|
| 1. | Uruguay, 9th Nov. | O. V. Aplin, Esq. [P.]. |

## Genus **THRIPOPHAGA**, *Cab.*

### **Thripophaga sclateri**, *Berlepsch.*

Thripophaga sclateri, *Scl. Cat. Birds B. M.* xv. p. 84 (1890); *von Ihering, Rev. Mus. Paulista,* iv. p. 245 (1900); *Sharpe, Hand-l.* iii. p. 64 (1901).

Two eggs of Sclater's Worm-eater measure respectively: ·79 by ·63; ·75 by ·6.

| | | |
|---|---|---|
| 2. | South Brazil, 2nd Dec. | Crowley Bequest. |

## Genus **PSEUDOSIZURA**, *Reichenb.*

### **Pseudosizura lophotes**, *Reichenb.*

Homorus lophotes, *Scl. & Huds. Argent. Orn.* i. p. 195 (1888); *Scl. Cat. Birds B. M.* xv. p. 85 (1890); *Nehrk. Kat. Eiersamml.* p. 149 (1899).
Pseudosizura lophotes, *Sharpe, Hand-l.* iii. p. 65 (1901).

The eggs of the Brown Cachalote in the Collection are very dissimilar in size, and measure respectively: 1·21 by ·82; 1·1 by ·73.

| | | |
|---|---|---|
| 2. | Argentine Republic. | Crowley Bequest. |

## Genus **AUTOMOLUS**, *Reichenb.*

### **Automolus holostictus**, *Scl. & Salv.*

Automolus holostictus, *Scl. & Salv. P. Z. S.* 1879, p. 522; *Scl. Cat. Birds B. M.* xv. p. 89 (1890); *Nehrk. Kat. Eiersamml.* p. 149 (1899); *Sharpe, Hand-l.* iii. p. 65 (1901).

The eggs of the Striated Automolus in the Collection measure respectively: 1·15 by ·82; 1·17 by ·81.

| | | |
|---|---|---|
| 1. | Sta. Elena, Antioquia, U.S. Colombia (*T. K. Salmon*). | Salvin-Godman Coll. |
| 1. | U.S. Colombia. | Crowley Bequest. |

### **Automolus rufobrunneus** (*Lawr.*).

Automolus rufobrunneus, *Scl. Cat. Birds B. M.* xv. p. 89 (1890); *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 154 (1891); *Sharpe, Hand-l.* iii. p. 65 (1901).

The eggs of the Rufous-brown Automolus in the Collection measure respectively: 1·2 by ·83; 1·15 by ·85; 1·26 by ·88; 1·2 by ·85.

| | | |
|---|---|---|
| 2. | Costa Rica, 9th May. | C. F. Underwood, Esq. [C.]. |
| 2. | Costa Rica, 28th May (*C. F. Underwood*). | Crowley Bequest. |

### **Automolus ignobilis**, *Scl. & Salv.*

Automolus ignobilis, *Scl. & Salv. P. Z. S.* 1879, p. 522; *Scl. Cat. Birds B. M.* xv. p. 89 (1890); *Sharpe, Hand-l.* iii. p. 65 (1901).

The egg of the Obscure Automolus in the Collection measures 1·16 by ·86.

| | | |
|---|---|---|
| 1. | Frontino, Antioquia, U.S. Colombia (*T. K. Salmon*). | Salvin-Godman Coll. |

### **Automolus leucophthalmus** (*Wied*).

Automolus leucophthalmus, *Scl. Cat. Birds B. M.* xv. p. 95 (1890) *von Ihering, Rev. Mus. Paulista,* iv. p. 247 (1900); *Sharpe, Hand-l.*; iii. p. 67 (1901).

An egg in the Crowley Bequest, on which the words "*Anabates sulphurascens*" are pencilled, appears to be referable to the White-eyed Automolus. It measures 1·2 by ·82.

| | | |
|---|---|---|
| 1. | [Brazil.] | Crowley Bequest. |

## Genus **THRIPADECTES**, *Scl.*

### **Thripadectes flammulatus** (*Eyton*).

Thripadectes flammulatus, *Scl. & Salv. P. Z. S.* 1879, p. 521; *Scl. Cat. Birds B. M.* xv. p. 102 (1890); *Sharpe, Hand-l.* iii. p. 69 (1901).

The egg of the Flammulated Worm-eater in the Collection measures 1·3 by ·88.

| | | |
|---|---|---|
| 1. | Frontino, Antioquia, U.S. Colombia (*T. K. Salmon*). | Salvin-Godman Coll. |

## Sub-Family SCLERURINÆ.

### Genus **SCLERURUS**, *Swains.*

**Sclerurus umbretta** (*Licht.*).

Sclerurus umbretta, *Scl. Cat. Birds B. M.* xv. p. 114 (1890); *Goëldi, Ibis,* 1896, p. 305, figs. 3 & 4; *Nehrk. Kat. Eiersamml.* p. 149 (1899); *von Ihering, Rev. Mus. Paulista,* iv. p. 247 (1900); *Sharpe, Hand-l.* iii. p. 72 (1901).

The eggs of the Brazilian Leaf-turner in the Collection are of an elliptical shape and devoid of gloss. They measure respectively: 1·06 by ·78; 1·1 by ·82.

2. Colonia Alpina, Rio de Janeiro, 19th Dec. — Dr. E. A. Goëldi [P.].

## Sub-Family MARGARORNITHINÆ.

The birds of this sub-family lay plain white eggs.

### Genus **MARGARORNIS**, *Reichenb.*

**Margarornis perlata** (*Less.*).

Margarornis perlata, *Scl. & Salv. P. Z. S.* 1879, p. 523; *Scl. Cat. Birds B. M.* xv. p. 121 (1890); *Nehrk. Kat. Eiersamml.* p. 149 (1899); *Sharpe, Hand-l.* iii. p. 73 (1901).

The eggs of the Spotted Wood-hewer are of a sharply-pointed oval shape and slightly glossy. Two examples measure respectively: ·75 by ·51; ·75 by ·52.

2. Sta. Elena, Antioquia, U.S. Colombia (*T. K. Salmon*). — Salvin-Godman Coll.

### Genus **PREMNOPLEX**, *Cherrie.*

**Premnoplex brunnescens** (*Scl.*).

Margarornis brunnescens, *Scl. Cat. Birds B. M.* xv. p. 123 (1890); *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 170 (1891).
Premnoplex brunnescens, *Sharpe, Hand-l.* iii. p. 74 (1901).

An egg of the Brownish Wood-hewer in the Collection is closely elliptical in shape and devoid of gloss. It measures ·85 by ·66.

1. U.S. Colombia. — Crowley Bequest.

### Genus **PYGARRHICUS**, *Burm.*

**Pygarrhicus albigularis** (*King*).

Pygarrhicus albigularis, *Scl. Cat. Birds B. M.* xv. p. 126 (1890); *James, New List Chilian Birds,* p. 4 (1892); *Sharpe, Hand-l.* iii. p. 74 (1901).

The eggs of the White-throated Wood-hewer are of a pointed oval shape and moderately glossy. Three examples measure respectively: ·85 by ·67; ·86 by ·67; ·87 by ·66.

| | | |
|---|---|---|
| 3. | Central Chile, Nov. | Berkeley James Coll. |

## Sub-Family GLYPHORHYNCHINÆ.

The eggs of the birds of this sub-family are plain white.

### Genus **GLYPHORHYNCHUS**, *Wied.*

### **Glyphorhynchus cuneatus** (*Licht.*).

Glyphorhynchus castelnaudi (*nec Des Murs*), *Scl. P. Z. S.* 1859, p. 141.
Glyphorhynchus cuneatus, *Scl. Cat. Birds B. M.* xv. p. 124 (1890); *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 175 (1891); *Sharpe, Hand-l.* iii. p. 74 (1901).

The eggs of the Wedge-billed Wood-hewer in the Collection are of a regular broad oval shape, and quite devoid of all gloss. They measure respectively: ·8 by ·5; ·77 by ·5.

| | | |
|---|---|---|
| 2. | Pallatanga, Ecuador, Dec. (*L. Fraser*). | Salvin-Godman Coll. |

### Genus **DENDROCICHLA**, *Gray.*

### **Dendrocichla anabatina**, *Scl.*

Dendrocincla anabatina, *Scl. Cat. Birds B. M.* xv. p. 162 (1890); *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 172 (1891); *Nehrk. Kat. Eiersamml.* p. 150 (1899).
Dendrocichla anabatina, *Sharpe, Hand-l.* iii. p. 74 (1901).

An egg of Sclater's Wood-hewer in the Collection is of an elliptical shape and slightly glossy. It measures 1·07 by ·79.

| | | |
|---|---|---|
| 1. | Central America (*Nehrkorn Coll.*). | Crowley Bequest. |

## Sub-Family DENDROCOLAPTINÆ.

The eggs of the species of *Dendrocolaptinæ* are plain white.

### Genus **PICOLAPTES**, *Less.*

### **Picolaptes lacrymiger** (*Des Murs*).

Picolaptes lacrymiger, *Scl. & Salv. P. Z. S.* 1879, p. 524; *Scl. Cat. Birds B. M.* xv. p. 148 (1890); *Sharpe, Hand-l.* iii. p. 83 (1901).

The egg of Des Murs's Wood-hewer in the Collection is elliptical in form, and exhibits a slight amount of gloss. It measures 1·02 by ·77.

| | | |
|---|---|---|
| 1. | Frontino, Antioquia, U.S. Colombia (*T. K. Salmon*). | Salvin-Godman Coll. |

### Picolaptes angustirostris (*Vieill.*).

Picolaptes angustirostris, *Scl. & Huds. Argent. Orn.* i. p. 201 (1888); *Scl. Cat. Birds B. M.* xv. p. 155 (1890); *Nehrk. Kat. Eiersamml.* p. 150 (1899); *von Ihering, Rev. Mus. Paulista,* iv. p. 247 (1900); *Sharpe, Hand-l.* iii. p. 85 (1901).

The eggs of the Narrow-billed Wood-hewer are of a blunt oval form, and almost devoid of all gloss. Three examples measure respectively: 1·01 by ·75; 1 by ·74; 1·04 by ·78.

| | | |
|---|---|---|
| 3. | Argentine Republic. | Crowley Bequest. |

## Genus **DRYMORNIS**, *Eyton.*

### Drymornis bridgesi (*Eyton*).

Drymornis bridgesi, *Scl. & Huds. Argent. Orn.* i. p. 199 (1888); *Scl. Cat. Birds B. M.* xv. p. 157 (1890); *Nehrk. Kat. Eiersamml.* p. 150 (1899); *Sharpe, Hand-l.* iii. p. 85 (1901).

The egg of Bridges' Wood-hewer in the Collection is of an ordinary oval form and moderately glossy. It measures 1·22 by ·92.

| | | |
|---|---|---|
| 1. | [Argentine Republic.] | Crowley Bequest. |

## Genus **XIPHORHYNCHUS**, *Swains.*

### Xiphorhynchus trochilirostris (*Licht.*).

Xiphorhynchus trochilirostris, *Scl. & Salv. P. Z. S.* 1879, p. 524; *Scl. Cat. Birds B. M.* xv. p. 159 (1890); *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 188 (1891); *Sharpe, Hand-l.* iii. p. 86 (1901).

The egg of the Slender-billed Wood-hewer in the Collection is spheroidal in shape, and exhibits a small amount of gloss. It measures ·92 by ·82.

| | | |
|---|---|---|
| 1. | Remedios, Antioquia, U.S. Colombia (*T. K. Salmon*). | Salvin-Godman Coll. |

## Genus **DENDROCOLAPTES**, *Herm.*

### Dendrocolaptes validus, *Tsch.*

Dendrocolaptes validus, *Scl. & Salv. P. Z. S.* 1879, p. 523; *Scl. Cat. Birds B. M.* xv. p. 172 (1890); *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 191 (1891); *Sharpe, Hand-l.* iii. p. 87 (1901).

The egg of the Black-spotted Wood-hewer in the Collection is elliptical in shape and devoid of gloss. It measures 1·13 by ·81.

| | | |
|---|---|---|
| 1. | Frontino, Antioquia, U.S. Colombia (*T. K. Salmon*). | Salvin-Godman Coll. |

# Division OLIGOMYODÆ.

## Family TYRANNIDÆ.

### Genus **AGRIORNIS**, *Gould.*

#### **Agriornis livida** (*Kittl.*).

(Plate III. fig. 19.)

Agriornis livida, *Scl. Cat. Birds B. M.* xiv. p. 4 (1888); *James, New List Chilian Birds*, p. 3 (1892); *Sharpe, Hand-l.* iii. p. 88 (1901).

The egg of the Livid Tyrant-bird in the Collection is spheroidal in shape and slightly glossy. It is of a pale green colour, marked all over, but more densely at the broad end than elsewhere, with spots and small blotches of reddish brown and pale lavender. It measures 1·12 by ·91.

| | | |
|---|---|---|
| 1. | Central Chile (*Paulsen*). | Berkeley James Coll. |

#### **Agriornis solitaria**, *Scl.*

(Plate III. fig. 17.)

Agriornis solitaria, *Scl. P. Z. S.* 1860, p. 78; *id. Cat. Birds B. M.* xiv. p. 7 (1888); *Sharpe, Hand-l.* iii. p. 89 (1901).

The eggs of the Solitary Tyrant-bird are of a somewhat narrow oval shape and devoid of gloss. They are cream-coloured, marked with specks and small spots of lilac-red and lavender. Five examples measure from 1·16 to 1·3 in length, and from ·85 to ·9 in breadth.

| | | |
|---|---|---|
| 5. | Quito (*L. Fraser*). | Salvin-Godman Coll. |

### Genus **TÆNIOPTERA**, *Bp.*

#### **Tænioptera nengeta** (*Linn.*).

Tænioptera nengeta, *Dalyleish, Proc. R. Phys. Soc. Edin.* vi. p. 243, pl. vii. fig. 1 (1880–81); *Scl. Cat. Birds B. M.* xiv. p. 11 (1888); *id. & Huds. Argent. Orn.* i. p. 114 (1888); *Aplin, Ibis*, 1894, p. 175, pl. v. figs. 3 & 4; *von Ihering, Rev. Mus. Paulista*, iv. p. 223 (1900); *Sharpe, Hand-l.* iii. p. 89 (1901).

The eggs of the Pepoaza Tyrant-bird are of a regular oval shape and moderately glossy. They are of a pinkish-white colour, sparingly spotted, almost entirely at the broad end, with lilac-red, deep purplish red, and lavender. Four examples measure respectively: 1·15 by ·8; 1·05 by ·8; 1·1 by ·8; 1·08 by ·8.

| | | |
|---|---|---|
| 2. | Uruguay, 8th Nov. | O. V. Aplin, Esq. [P.]. |
| 2. | Argentine Republic. | Crowley Bequest. |

### **Tænioptera irupero** (*Vieill.*).

(Plate III. fig. 15.)

Tænioptera irupero, *Dalgleish, Proc. R. Phys. Soc. Edin.* vi. p. 244, pl. vii. fig. 2 (1880–81); *Scl. Cat. Birds B. M.* xiv. p. 13 (1888); *id. & Huds. Argent. Orn.* i. p. 118 (1888); *Aplin, Ibis,* 1894, p. 176; *Nehrk. Kat. Eiersamml.* p. 136 (1899); *von Ihering, Rev. Mus. Paulista,* iv. p. 223 (1900); *Sharpe, Hand-l.* iii. p. 90 (1901).

The eggs of the Argentine Tyrant-bird are moderately glossy, and appear to be of two types. Two specimens in the Collection are of a plain cream-colour. Another is white, rather densely speckled, especially at the broad end, with lilac-red and lavender. They measure respectively: ·85 by ·67; ·88 by ·7; ·98 by ·7.

| | | |
|---|---|---|
| 2. | Argentine Republic. | Crowley Bequest. |
| 1. | Argentine Republic. | Crowley Bequest. |

### **Tænioptera pyrope** (*Kittl.*).

(Plate III. fig. 16.)

Tænioptera pyrope, *Scl. Cat. Birds B. M.* xiv. p. 15 (1888); *James, New List Chilian Birds,* p. 3 (1892); *Lane, Ibis,* 1897, p. 30; *Nehrk. Kat. Eiersamml.* p. 136 (1899); *Sharpe, Hand-l.* iii. p. 90 (1901).

The eggs of the Buff-flanked Tyrant-bird are of a broad oval form and glossy. They are white, very sparingly marked with roundish spots and small blotches of deep purplish red and chocolate-brown. They measure from ·93 to ·96 in length, and from ·68 to ·75 in breadth.

| | | |
|---|---|---|
| 3. | Chile. | Old Collection. |
| 3. | Central Chile, Oct. | Berkeley James Coll. |
| 3. | Central Chile, Oct. | Berkeley James Coll. |
| 3. | Central Chile, Nov. | Berkeley James Coll. |
| 1. | Chile. | Crowley Bequest. |
| 2. | Chile. | Crowley Bequest. |

## Genus **OCHTHŒCA**, *Cab.*

### **Ochthœca fumicolor**, *Scl.*

(Plate III. fig. 13.)

Ochthœca fumicolor, *Scl. Cat. Birds B. M.* xiv. p. 19 (1888); *Nehrk. Kat. Eiersamml.* p. 136 (1899); *Sharpe, Hand-l.* iii. p. 91 (1901).

The eggs of the Sooty Tyrant-bird in the Collection are of a blunt oval shape and slightly glossy. They are of a creamy-white colour, sparingly speckled with deep purplish brown. They measure respectively: ·76 by ·59; ·78 by ·6.

| | | |
|---|---|---|
| 2. | U.S. Colombia. | Crowley Bequest. |

### Ochthœca œnanthoides (*d'Orb. & Lafr.*).

Ochthœca fumicolor, *apud Scl. & Salv. P. Z. S.* 1879, p. 511.
Ochthœca œnanthoides, *Scl. Cat. Birds B. M.* xiv. p. 20 (1888); *Sharpe, Hand-l.* iii. p. 91 (1901).

The eggs of the Colombian Tyrant-bird do not appear to be separable from those of *O. fumicolor.* Four examples measure respectively: ·75 by ·58; ·74 by ·57; ·74 by ·58; ·75 by ·57.

| | | |
|---|---|---|
| 2. | Antioquia, U.S. Colombia (*T. K. Salmon*). | Salvin-Godman Coll. |
| 2. | Sta. Elena, Antioquia (*T. K. S.*). | Salvin-Godman Coll. |

### Ochthœca cinnamomeiventris (*Lafr.*).

(Plate IV. fig. 1.)

Ochthœca cinnamomeiventris, *Scl. & Salv. P. Z. S.* 1879, p. 511; *Scl. Cat. Birds B. M.* xiv. p. 24 (1888); *Sharpe, Hand-l.* iii. p. 93 (1901).

The eggs of the Chestnut-bellied Tyrant-bird are of a regular oval shape and almost devoid of all gloss. They are cream-coloured, marked, more thickly at the broad end than elsewhere, with specks and dots of lilac-red and here and there a small dot of pale lavender. They measure from ·71 to ·76 in length, and from ·55 to ·57 in breadth.

| | | |
|---|---|---|
| 3. | Antioquia, U.S. Colombia (*T. K. (Salmon*). | Salvin-Godman Coll. |
| 2. | Sta. Elena, Antioquia (*T. K. S.*). | Salvin-Godman Coll. |

### Ochthœca diadema (*Hartl.*).

Ochthœca diadema, *Scl. & Salv. P. Z. S.* 1879, p. 511; *Scl. Cat. Birds B. M.* xiv. p. 26 (1888); *Sharpe, Hand-l.* iii. p. 93 (1901).

The eggs of Salmon's Tyrant-bird in the Collection are of a pointed oval shape and slightly glossy. They are of a plain yellowish-white colour, and measure respectively: ·68 by ·51; ·7 by ·54.

| | | |
|---|---|---|
| 2. | Sta. Elena, Antioquia, U.S. Colombia (*T. K. Salmon*). | Salvin-Godman Coll. |

## Genus MECOCERCULUS, *Scl.*

### Mecocerculus leucophrys (*d'Orb. & Lafr.*).

(Plate IV. fig. 2.)

Ochthœca leucophrys, *Scl. & Huds. Argent. Orn.* i. p. 121 (1888).
Mecocerculus leucophrys, *Scl. Cat. Birds B. M.* xiv. p. 27 (1888); *Sharpe, Hand-l.* iii. p. 94 (1901).

The eggs of the White-browed Tyrant-bird are of a regular oval shape and slightly glossy. They are pale green, densely mottled, especially at the broad end, with deep reddish brown and lavender. They measure ·85 by ·6.

3. Bogotá (*Tristram Coll.*). Crowley Bequest.

## Genus **FLUVICOLA**, *Swains.*

### **Fluvicola albiventris** (*Spix*).

(Plate IV. fig. 3.)

Fluvicola albiventris, *Scl. & Huds. Argent. Orn.* i. p. 121 (1888); *Scl. Cat. Birds B. M.* xiv. p. 36 (1888); *Nehrk. Kat. Eiersamml.* p. 137 (1899); *von Ihering, Rev. Mus. Paulista,* iv. p. 224 (1900); *Sharpe, Hand-l.* iii. p. 95 (1901).

The egg of the White-bellied Tyrant-bird in the Collection is of a regular oval shape, slightly glossy and white, blotched, almost entirely round the broad end, with umber-brown. It measures ·73 by ·56.

1. Argentine Republic. Crowley Bequest.

## Genus **ARUNDINICOLA**, *d'Orb.*

### **Arundinicola leucocephala** (*Linn.*).

Arundinicola leucocephala, *Scl. & Huds. Argent. Orn.* i. p. 122 (1888); *Scl. Cat. Birds B. M.* xiv. p. 37 (1888); *Nehrk. Kat. Eiersamml.* p. 137 (1899); *von Ihering, Rev. Mus. Paulista,* iv. p. 224 (1900); *Sharpe, Hand-l.* iii. p. 95 (1901).

The eggs of the White-headed Tyrant-bird in the Collection are white, of a narrow oval shape, and slightly glossy. They measure ·8 by ·55.

2. Iguapé, Brazil, 24th Oct. Crowley Bequest.

## Genus **ALECTRURUS**, *Vieill.*

### **Alectrurus risorius** (*Vieill.*).

Alectrurus guira-yetapa, *Gibson, Ibis,* 1885, p. 279.
Alectrurus risorius, *Scl. & Huds. Argent. Orn.* i. p. 123 (1888); *Scl. Cat. Birds B. M.* xiv. p. 39 (1888); *Holland, Ibis,* 1893, p. 485; *von Ihering, Rev. Mus. Paulista,* iv. p. 225 (1900); *Sharpe, Hand-l.* iii. p. 96 (1901).

The eggs of the Racket-tailed Tyrant-bird are of a regular oval shape, slightly glossy, and of a plain white colour. Four examples measure respectively: ·86 by ·61; ·87 by ·67; ·85 by ·67; ·88 by ·65.

4. Argentine Republic, Nov. A. H. Holland, Esq. [C.].

## Genus **SISOPYGIS**, *Cab. & Heine.*

### **Sisopygis icterophys** (*Vieill.*).

(Plate IV. fig. 4.)

Sisopygis icterophrys, *Scl. & Huds. Argent. Orn.* i. p. 125 (1888); *Scl. Cat. Birds B. M.* xiv. p. 41 (1888); *Nehrk. Kat. Eiersamml.* p. 137 (1899); *von Ihering, Rev. Mus. Paulista,* iv. p. 225 (1900); *Sharpe, Hand-l.* iii. p. 96 (1901).

The eggs of the Yellow-browed Tyrant-bird are of a regular oval form and almost devoid of gloss. They appear to be variable in coloration. The examples taken in Brazil are white, sparingly marked with spots and small blotches of dark umber-brown. Of two others taken in Argentina, one is white, marked at the broad end with umber-brown and lilac, and the other is pale pink, marked with chocolate-brown and lilac. Four examples measure respectively: ·8 by ·61; ·8 by ·6; ·81 by ·58; ·79 by ·58.

| | | |
|---|---|---|
| 2. | Iguapé, Brazil, 10th Nov. | Crowley Bequest. |
| 2. | Argentine Republic. | Crowley Bequest. |

## Genus **LICHENOPS**, *Sundev.*

### **Lichenops perspicillata** (*Gm.*).

(Plate IV. fig. 6.)

Lichenops perspicillata, *Scl. Cat. Birds B. M.* xiv. p. 48 (1888); *id. & Huds. Argent. Orn.* i. p. 129 (1888); *James, New List Chilian Birds,* p. 3 (1892); *Holland, Ibis,* 1892, p. 199; *Lane, Ibis,* 1897, p. 31; *Nehrk. Kat. Eiersamml.* p. 137 (1899); *von Ihering, Rev. Mus. Paulista,* iv. p. 225 (1900); *Sharpe, Hand-l.* iii. p. 97 (1901).

The eggs of the Silver-billed Tyrant-bird are of a broad oval shape and very glossy. They are white, very sparingly spotted and blotched at the broad end with chestnut. They measure from ·82 to ·85 in length, and from ·63 to ·66 in breadth.

| | | |
|---|---|---|
| 2. | Argentine Republic, Nov. | A. H. Holland, Esq. [C.] |
| 4. | Central Chile, Dec. | Berkeley James Coll. |
| 4. | Central Chile, Dec. | Berkeley James Coll. |

## Genus **MACHETORNIS**, *Gray.*

### **Machetornis rixosa** (*Vieill.*).

(Plate IV. fig. 5.)

Machetornis rixosa, *Scl. Cat. Birds B. M.* xiv. p. 52 (1888); *id. & Huds. Argent. Orn.* i. p. 131 (1888); *Holland, Ibis,* 1892, p. 199; *Aplin, Ibis,* 1894, p. 178; *Nehrk. Kat. Eiersamml.* p. 137 (1899); *von Ihering, Rev. Mus. Paulista,* iv. p. 226 (1900); *Sharpe, Hand-l.* iii. p. 98 (1901).

The eggs of the Short-winged Tyrant-bird are of a regular oval shape and devoid of all gloss. They are of a dark cream or pale buff-colour, densely streaked and mottled with purplish brown and lavender. They measure from ·86 to 1 in length, and from ·66 to ·72 in breadth.

| | | |
|---|---|---|
| 1. | Bahia (*Tristram Coll.*). | Crowley Bequest. |
| 4. | Argentine Republic, Oct. | A. H. Holland, Esq. [C.]. |
| 4. | Argentine Republic, Oct. | A. H. Holland, Esq. [C.]. |
| 3. | Argentine Republic, Oct. | A. H. Holland, Esq. [C.]. |
| 2. | Argentine Republic. | Crowley Bequest. |
| 3. | Buenos Ayres, Nov. (*E. W. White*). | Crowley Bequest. |

## Genus **MUSCISAXICOLA**, *d'Orb. & Lafr.*

### **Muscisaxicola maculirostris**, *d'Orb. & Lafr.*

(Plate IV. fig. 7.)

Muscisaxicola maculirostris, *Scl. Cat. Birds B. M.* xiv. p. 59 (1888); *id. & Huds. Argent. Orn.* i. p. 134 (1888); *Sharpe, Hand-l.* iii. p. 99 (1901).

The eggs of the Spotted-bill Tyrant-bird in the Collection are of an oval shape and moderately glossy. One specimen is plain white, and measures ·66 by ·55; another is white, very sparingly dotted with black, and measures ·74 by ·56.

| | | |
|---|---|---|
| 1. | Chile. | E. C. Reed, Esq. [P.]. |
| 1. | Chile. | Crowley Bequest. |

## Genus **CENTRITES**, *Cab.*

### **Centrites niger** (*Bodd.*).

(Plate IV. fig. 8.)

Centrites niger, *Scl. Cat. Birds B. M.* xiv. p. 61 (1888); *id. & Huds. Argent. Orn.* i. p. 134 (1888); *James, New List of Chilian Birds*, p. 3 (1892); *Nehrk. Kat. Eiersamml.* p. 137 (1892); *Sharpe, Hand-l.* iii. p. 100 (1901).

The eggs of the Red-backed Tyrant-bird are of a blunt oval shape and slightly glossy. They are greyish white, densely freckled with greyish brown and lavender. They measure from ·76 to ·83 in length, and ·6 in breadth.

| | | |
|---|---|---|
| 3. | Central Chile (*Landbeck*). | Berkeley James Coll. |
| 3. | Central Chile, Oct. | Berkeley James Coll. |

## Genus **PLATYRHYNCHUS**, *Desm.*

### **Platyrhynchus cancrominus**, *Scl. & Salv.*

(Plate IV. fig. 10.)

Platyrhynchus cancrominus, *Scl. Cat. Birds B. M.* xiv. p. 66 (1888); *Salv. & Godm. Biol. Centr.-Amer., Aves*, ii. p. 5 (1888); *Sharpe, Hand-l.* iii. p. 100 (1901).

An egg of the Boat-billed Tyrant-bird is of a broad oval form and devoid of gloss. It is of a pinkish-white colour, marked round the broad end with a zone of more or less confluent spots and specks of pale lilac-red and lavender. A few specks of the same colours are scattered over the remainder of the shell. It measures ·66 by ·51.

| | | |
|---|---|---|
| 1. | British Honduras (*F. Blancaneaux*). | Salvin-Godman Coll. |

## Genus **RHYNCHOCYCLUS**, *Cab. & Heine.*

### **Rhynchocyclus fulvipectus** (*Scl.*).

(Plate IV. fig. 9.)

Rhynchocyclus fulvipectus, *Scl. & Salv. P. Z. S.* 1879, p. 513; *Scl. Cat. Birds B. M.* xiv. p. 167 (1888); *Sharpe, Hand-l.* iii. p. 101 (1901).

The eggs of the Fulvous-breasted Tyrant-bird are of an elongated blunt oval form and but slightly glossy. They are white, freckled with minute yellowish-brown specks, chiefly disposed round the broad end. They measure respectively: ·96 by ·66; ·94 by ·67.

| | | |
|---|---|---|
| 2. | Frontino, Antioquia, U.S. Colombia (*T. K. Salmon*). | Salvin-Godman Coll. |

### **Rhynchocyclus cinereiceps** (*Scl.*).

(Plate IV. fig. 13.)

Rhynchocyclus cinereiceps, *Nehrk. J. f. O.* 1879, p. 356; *id. Kat. Eiersamml.* p. 140 (1899); *Scl. Cat. Birds B. M.* xiv. p. 169 (1888); *Salv. & Godm. Biol. Centr.-Amer., Aves*, ii. p. 10 (1888); *Sharpe, Hand-l.* iii. p. 102 (1901).

The eggs of the Grey-headed Tyrant-bird are of a pointed oval shape and devoid of gloss. They appear to be variable in coloration. Examples taken by Blancaneaux are white, very sparingly marked with dark reddish-brown or black specks. A specimen from the Nehrkorn Collection is cream-coloured, marked with a broad zone of lilac-red spots round the larger end. Five eggs measure respectively: ·8 by ·56; ·82 by ·54; ·8 by ·57; ·8 by ·56; ·82 by ·58.

| | | |
|---|---|---|
| 4. | British Honduras (*F. Blancaneaux*). | Salvin-Godman Coll. |
| 1. | Veragua (*Nehrkorn Coll.*). | Crowley Bequest. |

## Genus **TODIROSTRUM**, *Less.*

### **Todirostrum cinereum** (*Linn.*).

Todirostrum cinereum, *Scl. & Salv. P. Z. S.* 1879, p. 512; *Scl. Cat. Birds B. M.* xiv. p. 69 (1888); *Salv. & Godm. Biol. Centr.-Amer., Aves*, ii. p. 12 (1888); *Nehrk. Kat. Eiersamml.* p. 138 (1899); *von Ihering, Rev. Mus. Paulista*, iv. p. 227 (1900); *Sharpe, Hand-l.* iii. p. 103 (1901).

The eggs of the Cinereous Tyrant-bird are of a pointed oval shape, devoid of gloss, and of a plain white colour. They measure from ·64 to ·67 in length, and ·41 to ·47 in breadth. Other specimens from the Crowley Collection are white, speckled with very pale rufous at the broad end.

| | | |
|---|---|---|
| 4. | British Honduras, May (*F. Blancaneaux*). | Salvin-Godman Coll. |
| 1. | Chiriqui, Panama (*Nehrkorn Coll.*). | Crowley Bequest. |
| 3. | New Granada. | Crowley Bequest. |
| 2. | Medellin, Antioquia, U.S. Colombia (*T. K. Salmon*). | Salvin-Godman Coll. |

### Todirostrum poliocephalum (*Wied*).

(Plate IV. fig. 12.)

Todirostrum poliocephalum, *Scl. Cat. Birds B. M.* xiv. p. 71 (1888); *Nehrk. Kat. Eiersamml.* p. 138 (1899); *von Ihering, Rev. Mus. Paulista,* iv. p. 226 (1900); *Sharpe, Hand-l.* iii. p. 103 (1901).

The eggs of the Grey-crowned Tyrant-bird in the Collection are of a regular oval shape and but slightly glossy. They are of a pale salmon-pink colour, freckled, chiefly at the broad end, with light red. They measure respectively: ·59 by ·4; ·6 by ·42.

| | | |
|---|---|---|
| 2. | Iguapé, Brazil, 4th Nov. | Crowley Bequest. |

### Todirostrum schistaceiceps, *Scl.*

(Plate IV. fig. 14.)

Todirostrum schistaceiceps, *Scl. Cat. Birds B. M.* xiv. p. 74 (1888); *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 13 (1888); *Nehrk. Kat. Eiersamml.* p. 138 (1899); *Sharpe, Hand-l.* iii. p. 104 (1901).

The eggs of the Slaty-headed Tyrant-bird in the Collection are of a pointed oval shape, and almost devoid of all gloss. They are white, boldly speckled and spotted with umber-brown and purplish red. They measure respectively: ·7 by ·49; ·65 by ·48.

| | | |
|---|---|---|
| 2. | British Honduras, 20th June (*F. Blancaneaux*). | Salvin-Godman Coll. |

### Todirostrum ruficeps, *Kaup.*

(Plate IV. fig. 11.)

Todirostrum ruficeps, *Scl. & Salv. P. Z. S.* 1879, p. 512; *Scl. Cat. Birds B. M.* xiv. p. 75 (1888); *Sharpe, Hand-l.* iii. p. 104 (1901).

The sole egg of the Red-headed Tyrant-bird in the Collection is of a regular oval shape, slightly glossy, and of a white colour, very sparingly marked with minute reddish-brown specks. It measures ·62 by ·46.

| | | |
|---|---|---|
| 1. | Frontino, Antioquia, U.S. Colombia (*T. K. Salmon*). | Salvin-Godman Coll. |

## Genus **EUSCARTHMUS**, *Wied.*

### **Euscarthmus gularis** (*Temm.*).

(Plate IV. fig. 15.)

Euscarthmus gularis, *Scl. & Huds. Argent. Orn.* i. p. 136 (1888); *Scl. Cat. Birds B. M.* xiv. p. 81 (1888); *Nehrk. Kat. Eiersamml.* p. 138 (1899); *von Ihering, Rev. Mus. Paulista,* iv. p. 228 (1900); *Sharpe, Hand-l.* iii. p. 105 (1901).

The eggs of the Red-throated Tyrant-bird in the Collection are of a regular oval shape and devoid of gloss. They are white, marked with spots and small blotches of dull chestnut and lilac-red. They measure respectively: ·68 by ·49; ·7 by ·5.

| | | |
|---|---|---|
| 2. | Ararangua, Sta. Catharina, Brazil, 4th Dec. | Crowley Bequest. |

### **Euscarthmus granadensis** (*Hartl.*).

Euscarthmus granadensis, *Scl. Cat. Birds B. M.* xiv. p. 82 (1888); *Sharpe, Hand-l.* iii. p. 106 (1901).

The eggs of the Colombian Tyrant-bird are of an elliptical shape, moderately glossy, and of a pale yellowish-white colour. Two examples measure respectively: ·74 by ·59; ·71 by ·53.

| | | |
|---|---|---|
| 2. | New Granada. | Crowley Bequest. |

## Genus **HAPALOCERCUS**, *Cab.*

### **Hapalocercus flaviventris** (*d'Orb. & Lafr.*).

Hapalocercus flaviventris, *Scl. & Huds. Argent. Orn.* i. p. 137 (1888); *Scl. Cat. Birds B. M.* xiv. p. 94 (1888); *James, New List Chilian Birds,* p. 3 (1892); *von Ihering, Rev. Mus. Paulista,* iv. p. 229 (1900); *Sharpe, Hand-l.* iii. p. 109 (1901).

The eggs of the Reed Tyrant-bird are of a regular oval shape and slightly glossy. They are of a dark cream-colour without markings. Four examples measure respectively: ·68 by ·49; ·66 by ·5; ·68 by ·49; ·64 by ·5.

| | | |
|---|---|---|
| 4. | Central Chile (*Landbeck*). | Berkeley James Coll. |

### **Hapalocercus hollandi**, *Scl.*

Hapalocercus hollandi, *Scl. Ibis,* 1896, p. 316; *Holland, Ibis,* 1897, p. 167; *Sharpe, Hand-l.* iii. p. 110 (1901).

The eggs of Holland's Tyrant-bird are of a regular oval shape, almost devoid of all gloss, and of a pale creamy-white colour. They measure respectively: ·62 by ·5; ·64 by ·46.

| | | |
|---|---|---|
| 2. | Argentine Republic, Jan. | A. H. Holland, Esq. [C.]. |

## Genus **HABRURA**, *Cab. & Heine.*

### Habrura pectoralis (*Vieill.*).

Habrura pectoralis, *Scl. Cat. Birds B. M.* xiv. p. 96 (1888); *id. & Huds. Argent. Orn.* i. p. 138 (1888); *Holland, Ibis*, 1893, p. 486; *Sharpe, Hand-l.* iii. p. 110 (1901).

The eggs of the Narrow-tailed Tyrant-bird are of a pointed oval shape, almost devoid of gloss, and of a pale cream-colour. They measure from ·63 to ·66 in length, and from ·43 to ·49 in breadth.

| | | |
|---|---|---|
| 2. | Argentine Republic, Dec. | A. H. Holland, Esq. [C.]. |
| 3. | Argentine Republic, Dec. | A. H. Holland, Esq. [C.]. |
| 2. | Argentine Republic, Dec. | A. H. Holland, Esq. [C.]. |

## Genus **SERPHOPHAGA**, *Gould.*

### Serphophaga sub-cristata (*Vieill.*).

Serphophaga sub-cristata, *Dalgleish, Proc. R. Phys. Soc. Edin.* viii. p. 82 (1883–5); *Scl. Cat. Birds B. M.* xiv. p. 102 (1888); *id. & Huds. Argent. Orn.* i. p. 140 (1888); *Holland, Ibis*, 1892, p. 200; *Nehrk. Kat. Eiersamml.* p. 138 (1899); *von Ihering, Rev. Mus. Paulista*, iv. p. 229 (1900); *Sharpe, Hand-l.* iii. p. 111 (1901).

Three eggs of the Small-crested Tyrant-bird are of a somewhat pointed oval shape, almost devoid of all gloss, and of a very pale yellowish colour. They measure respectively: ·58 by ·46; ·6 by ·46; ·58 by ·45.

| | | |
|---|---|---|
| 3. | Argentine Republic, Oct. | A. H. Holland, Esq. [C.]. |

### Serphophaga cinerea (*Strickl.*).

Serphophaga cinerea, *Scl. & Salv. P. Z. S.* 1879, p. 512; *Scl. Cat. Birds B. M.* xiv. p. 103 (1888); *Salv. & Godm. Biol. Centr.-Amer., Aves*, ii. p. 20 (1888); *Nehrk. Kat. Eiersamml.* p. 138 (1899); *Sharpe, Hand-l.* iii. p. 112 (1901).

The eggs of the Grey Tyrant-bird in the Collection resemble those of *S. sub-cristata*, but are slightly larger, measuring respectively: ·65 by ·5; ·64 by ·48.

| | | |
|---|---|---|
| 2. | Frontino, Antioquia, U.S. Colombia (*T. K. Salmon*). | Salvin-Godman Coll. |

### Serphophaga nigricans (*Vieill.*).

Serphophaga nigricans, *Dalgleish, Proc. R. Phys. Soc. Edin.* vi. p. 248, pl. viii. fig. 3 (1880–81); *Scl. Cat. Birds B. M.* xiv. p. 104 (1888); *id. & Huds. Argent. Orn.* i. p. 141 (1888); *Holland, Ibis*, 1892, p. 199; *Nehrk. Kat. Eiersamml.* p. 138 (1899); *von Ihering, Rev. Mus. Paulista*, iv. p. 229 (1900); *Sharpe, Hand-l.* iii. p. 112 (1901).

The eggs of the Black Tyrant-bird resemble those of *S. sub-cristata* and *S. cinerea*, but are larger, measuring from ·64 to ·7 in length, and from ·49 to ·51 in breadth.

| | | |
|---|---|---|
| 2. | Iguapé, Brazil, 9th Nov. | Crowley Bequest. |
| 3. | Argentine Republic, Oct. | A. H. Holland, Esq. [C.]. |
| 2. | Argentine Republic, Oct. | A. H. Holland, Esq. [C.]. |
| 5. | Buenos Ayres (with 2 of *Molothrus bonariensis*). | W. H. Hudson, Esq. [P.]. |

## Genus **ANÆRETES**, *Reichenb.*

### Anæretes parulus (*Kittl.*).

Anæretes parulus, *Scl. Cat. Birds B. M.* xiv. p. 106 (1888); *id. & Huds. Argent. Orn.* i. p. 141 (1888); *James, New List Chilian Birds*, p. 3 (1892); *Nehrk. Kat. Eiersamml.* p. 138 (1899); *Sharpe, Hand-l.* iii. p. 112 (1901).

The eggs of the Tit-like Tyrant-bird are of a pointed oval form, devoid of gloss, and of a plain white colour. They measure from ·65 to ·72 in length, and from ·5 to ·54 in breadth.

| | | |
|---|---|---|
| 1. | Chile (*Tristram Coll.*). | Crowley Bequest. |
| 3. | Central Chile, Oct. | Berkeley James Coll. |
| 4. | Central Chile (*Landbeck*). | Berkeley James Coll. |

## Genus **CYANOTIS**, *Swains.*

### Cyanotis rubrigaster (*Vieill.*).

Cyanotis azaræ, *Scl. Cat. Birds B. M.* xiv. p. 110 (1888); *id. & Huds. Argent. Orn.* i. p. 142 (1888); *James, New List Chilian Birds*, p. 3 (1892); *Lane, Ibis*, 1897, p. 33; *Nehrk. Kat. Eiersamml.* p. 139 (1899); *von Ihering, Rev. Mus. Paulista*, iv. p. 230 (1900).
Cyanotis rubrigaster, *Sharpe, Hand-l.* iii. p. 113 (1901).

The eggs of the Many-coloured Tyrant-bird are of a regular oval shape and slightly glossy. They vary from pale to dark cream-colour, many being plain, and others being marked at the broad end with an indistint cap of minute pale rufous and lilac specks. They measure from ·62 to ·7 in length, and from ·45 to ·5 in breadth.

| | | |
|---|---|---|
| 1. | Iguapé, Brazil, 12th Nov. | Crowley Bequest. |
| 1. | La Plata (*Tristram Coll.*). | Crowley Bequest. |
| 3. | Central Chile, Oct. | Berkeley James Coll. |
| 3. | Central Chile, Oct. | Berkeley James Coll. |
| 3. | Central Chile, Oct. | Berkeley James Coll. |
| 3. | Central Chile, Oct. | Berkeley James Coll. |
| 3. | Central Chile, Oct. | Berkeley James Coll. |
| 3. | Central Chile, Oct. | Berkeley James Coll. |
| 2. | Chile. | Crowley Bequest. |

## Genus **MIONECTES**, *Cab.*

### **Mionectes striaticollis** (*d'Orb. & Lafr.*).

Mionectes striaticollis, *Scl. & Salv. P. Z. S.* 1879, p. 512; *Scl. Cat. Birds B. M.* xiv. p. 111 (1888); *Sharpe, Hand-l.* iii. p. 113 (1901).

Two eggs of the Stripe-necked Tyrant-bird in the Collection are of a regular oval shape, slightly glossy, and of a plain white colour. They measure respectively: ·81 by ·55; ·8 by ·56.

| | | |
|---|---|---|
| 2. | Sta. Elena, Antioquia, U.S. Colombia (*T. K. Salmon*). | Salvin-Godman Coll. |

## Genus **MYIOPAGIS**, *Salv. & Godm.*

### **Myiopagis placens**, *Scl.*

(Plate IV. fig. 16.)

Elainea placens, *Scl. Cat. Birds B. M.* xiv. p. 148 (1888); *Nehrk. Kat. Eiersamml.* p. 139 (1899).
Myiopagis placens, *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 26 (1888); *Sharpe, Hand-l.* iii. p. 116 (1901).

The eggs of Sclater's Tyrant-bird in the Collection are of a regular oval shape and devoid of gloss. They are cream-coloured, streaked and spotted, more densely at the broad end where the markings form a wide zone, with purplish brown and deep lavender. They measure respectively: ·71 by ·54; ·72 by ·51.

| | | |
|---|---|---|
| 2. | British Honduras, May (*F. Blancaneaux*). | Salvin-Godman Coll. |

## Genus **ELAINEA**, *Sundev.*

### **Elainea pagana** (*Licht.*).

(Plate IV. fig. 17.)

Elainea pagana, *Scl. & Salv. P. Z. S.* 1879, p. 513; *Scl. Cat. Birds B. M.* xiv. p. 137 (1888); *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 34 (1888); *Nehrk. Kat. Eiersamml.* p. 139 (1899); *von Ihering, Rev. Mus. Paulista,* iv. p. 230 (1900); *Sharpe, Hand-l.* iii. p. 122 (1901).

The eggs of the Rustic Tyrant-bird are of a broad oval shape and exhibit but little gloss. They are of a pinkish cream-colour, speckled and spotted, almost entirely at the broad end where the markings form a cap or interrupted zone, with purplish red or lilac-red and lavender. They vary much in size, measuring from ·7 to ·84 in length, and from ·56 to ·65 in breadth.

| | | |
|---|---|---|
| 2. | Medellin, Antioquia, U.S. Colombia (*T. K. Salmon*). | Salvin-Godman Coll. |
| 2. | Medellin (*T. K. S.*) | Salvin-Godman Coll. |

| | | |
|---|---|---|
| 2. | Antioquia (*T. K. S.*). | Salvin-Godman Coll. |
| 2. | U.S. Colombia. | Crowley Bequest. |
| 1. | Venezuela (*Nehrkorn Coll.*). | Crowley Bequest. |
| 2. | Cayenne (*Tristram Coll.*). | Crowley Bequest. |

### **Elainea martinica** (*Linn.*).

(Plate IV. fig. 18.)

Elainea martinica, *Scl. Cat. Birds B. M.* xiv. p. 141 (1888); *Salv. & Godm. Biol. Centr.-Amer., Aves*, ii. p. 36 (1888); *Sharpe, Hand-l.* iii. p. 123 (1901).

The eggs of the Martinique Tyrant-bird are of a broad oval shape and nearly devoid of all gloss. They are of a pinkish-white colour, and while some are marked, almost entirely in the form of a zone round the broad end, with blotches of deep purplish brown and lavender, others are more delicately marked, also at the broad end, with small spots of lilac-red and lavender. They measure from ·78 to ·87 in length, and from ·63 to ·67 in breadth.

| | | |
|---|---|---|
| 2. | Grenada, W. Indies, 19th May (*J. G. Wells*). | Crowley Bequest. |
| 2. | Grenada, 7th June (*J. G. W.*). | Crowley Bequest. |
| 2. | Grenada (*J. G. W.*). | Crowley Bequest. |

### **Elainea albiceps** (*d'Orb. & Lafr.*).

Elainea albiceps, *Scl. Cat. Birds B. M.* xiv. p. 141 (1888); *id. & Huds. Argent. Orn.* i. p. 145 (1888); *Nehrk. Kat. Eiersamml.* p. 139 (1899); *von Ihering, Rev. Mus. Paulista*, iv. p. 231 (1900); *Sharpe, Hand-l.* iii. p. 123 (1901).

The eggs of the White-crested Tyrant-bird vary from a regular oval to an elliptical shape and are devoid of gloss. Two examples in the Collection are of a plain white colour. Another is white, marked with a blotch and a few specks of reddish brown, and a fourth is white, sparingly speckled over the larger half with deep purplish brown. They vary much in size, the four examples measuring respectively: ·75 by ·59; ·76 by ·59; ·88 by ·62; ·89 by ·65.

| | | |
|---|---|---|
| 2. | Chile. | Crowley Bequest. |
| 2. | Chile, Dec. | Crowley Bequest. |

### **Elainea frantzii**, *Lawr.*

(Plate IV. fig. 19.)

Elainea frantzii, *Scl. & Salv. P. Z. S.* 1879, p. 513; *Scl. Cat. Birds B. M.* xiv. p. 145 (1888); *Salv. & Godm. Biol. Centr.-Amer., Aves*, ii. p. 36 (1888); *Nehrk. Kat. Eiersamml.* p. 139 (1899); *Sharpe, Hand-l.* iii. p. 124 (1901).

The eggs of Frantzius' Tyrant-bird are of a regular oval shape and devoid of all gloss. They are of a creamy white colour, sparingly spotted, in the case of two specimens, with purplish red, and in the case of another with pale lilac-red, the markings being chiefly at the broad end. Three examples measure respectively: ·77 by ·55; ·75 by ·57; ·7 by ·52.

| | | |
|---|---|---|
| 2. | Sta. Elena, Antioquia, U.S. Colombia (*T. K. Salmon*). | Salvin-Godman Coll. |
| 1. | U.S. Colombia. | Crowley Bequest. |

## Genus **LEGATUS**, *Scl.*

### **Legatus albicollis** (*Vieill.*).

(Plate IV. fig. 20.)

Legatus albicollis, *Scl. Cat. Birds B. M.* xiv. p. 155 (1888); *Salv. & Godm. Biol. Centr.-Amer., Aves*, ii. p. 38 (1888); *Nehrk. Kat. Eiersamml.* p. 139 (1899); *Sharpe, Hand-l.* iii. p. 125 (1901).

The eggs of the White-necked Tyrant-bird are of a blunt oval shape and devoid of gloss. They are of a pinkish-white colour, blotched and spotted, chiefly round the larger end, with purplish red and lavender, and sometimes with lilac-red in addition. Five examples measure respectively: ·84 by ·65; ·77 by ·62; ·78 by ·58; ·78 by ·57; ·84 by ·65.

| | | |
|---|---|---|
| 1. | Yucatan. | W. Radcliffe Saunders, Esq. [P.]. |
| 2. | Honduras, 14th Sept. | Crowley Bequest. |
| 2. | Chiriqui, Panama. | Crowley Bequest. |

## Genus **MYIOZETETES**, *Scl.*

### **Myiozetetes cayennensis** (*Linn.*).

(Plate IV. fig. 21.)

Myiozetetes texensis (*nec Giraud*), *Scl. & Salv. P. Z. S.* 1879, p. 513.
Myiozetetes cayennensis, *Scl. Cat. Birds B. M.* xiv. p. 160 (1888); *Salv. & Godm. Biol. Centr.-Amer., Aves*, ii. p. 40 (1888); *Nehrk. Kat. Eiersamml.* p. 139 (1899); *von Ihering, Rev. Mus. Paulista*, iv. p. 233 (1900); *Sharpe, Hand-l.* iii. p. 126 (1901).

The eggs of the Cayenne Tyrant-bird are of a regular oval shape and devoid of gloss. They are of a white colour, spotted and blotched with chocolate-brown and lilac-grey, the markings being denser at the broad end than elsewhere. Four examples measure respectively: ·8 by 61; ·82 by ·62; ·96 by ·67; ·97 by ·66.

| | | |
|---|---|---|
| 2. | Medellin, Antioquia, U.S. Colombia (*T. K. Salmon*). | Salvin-Godman Coll. |
| 2. | Venezuela (*Nehrkorn Coll.*). | Crowley Bequest. |

### **Myiozetetes similis** (*Spix*).

Myiozetetes texensis, *Scl. & Salv. Ibis*, 1859, p. 123, pl. v. fig. 5; *Owen, Ibis*, 1861, p. 64; *Scl. Cat. Birds B. M.* xiv. p. 162 (1888); *Bendire, Life-Hist. N. Amer. Birds*, ii. p. 254, pl. i. fig. 22 (1895); *Nehrk. Kat. Eiersamml.* p. 139 (1899); *von Ihering, Rev. Mus. Paulista*, iv. p. 233 (1900).

Myiozetetes similis, *Scl. Cat. Birds B. M.* xiv. p. 161 (1888); *Salv. & Godm. Biol. Centr.-Amer., Aves*, ii. p. 41 (1889); *Nehrk. Kat. Eiersamml.* p. 139 (1899); *von Ihering, Rev. Mus. Paulista*, iv. p. 233 (1900); *Sharpe, Hand-l.* iii. p. 126 (1901).

The eggs of Giraud's Tyrant-bird are normally of a narrow oval shape and exhibit a varying amount of gloss. They are white, marked with spots and small blotches of purplish red, lilac-red, and lavender. In the majority of specimens, the markings are more dense at the broad end and form an irregular cap, but in others they are evenly distributed over the entire shell. Examples measure from ·85 to 1·02 in length, and from ·67 to ·71 in breadth.

| | | |
|---|---|---|
| 2. | Mexico. | Gould Coll. |
| 2. | Mexico (*Tristram Coll.*). | Crowley Bequest. |
| 2. | Yucatan. | W. Radcliffe Saunders, Esq. [P.]. |
| 1. | Central America. | Crowley Bequest. |
| 2. | San Geronimo, Guatemala (*R. Owen*). | Salvin-Godman Coll. |
| 4. | San Geronimo, 5th May (*R. O.*). | Salvin-Godman Coll. |
| 1. | Guatemala (*R. O.*). | Crowley Bequest. |
| 1. | Dueñas, Guatemala, 12th June (*O. Salvin*). | Salvin-Godman Coll. |
| 8. | British Honduras (*F. Blancaneaux*). | Salvin-Godman Coll. |
| 2. | Rio Janeiro. | Alexander Fry, Esq. [P.]. |
| 1. | Iguapé, Brazil, 15th Oct. | Crowley Bequest. |

## Genus **PITANGUS**, *Swains.*

### **Pitangus derbianus** (*Kaup*).

Pitangus derbianus, *Scl. & Salv. Ibis*, 1859, p. 120, pl. v. fig. 3; *Owen, Ibis*, 1861, p. 63; *Scl. Cat. Birds B. M.* xiv. p. 175 (1888); *Salv. & Godm. Biol. Centr.-Amer., Aves*, ii. p. 43 (1889); *Bendire, Life-Hist. N. Amer. Birds*, ii. p. 251, pl. i. figs. 20 & 21 (1895); *Nehrk. Kat. Eiersamml.* p. 140 (1899); *Sharpe, Hand-l.* iii. p. 127 (1901).

The eggs of Lord Derby's Tyrant-bird are of a broad, pointed oval shape, and slightly glossy. They are cream-coloured, and while some are marked with spots and small blotches of dark umber-brown and lavender, others are marked with huge confluent blotches of light reddish brown together with spots of dark reddish brown and lavender most densely at the broad end, where the markings often form a cap. Specimens measure from 1·06 to 1·25 in length, and from ·81 to ·9 in breadth.

| | | |
|---|---|---|
| 2. | Mazatlan, Mexico, 8th June. | Crowley Bequest. |
| 1. | Dueñas, Guatemala, 29th May (*O. Salvin*). | Salvin-Godman Coll. |
| 5. | San Geronimo, Guatemala, 10th April (*R. Owen*). | Salvin-Godman Coll. |
| 4. | San Geronimo (*R. O.*). | Salvin-Godman Coll. |
| 1. | San Geronimo (*R. O.*). | Crowley Bequest. |

### Pitangus sulphuratus (*Linn.*).

Pitangus sulphuratus, *Sclater, Cat. Birds B. M.* xiv. p. 177 (1888), part.; *Sharpe, Hand-l.* iii. p. 127 (1901).

An egg of the Amazonian Sulphur-breasted Tyrant-bird in the Collection is of a regular oval form, with no gloss, and is cream-coloured, with a few dark umber and lavender blotches or spots, which are almost confined to the broader end. The measurements are 1·08 by ·79 inch.

| | | |
|---|---|---|
| 1. | British Guiana. | W. Radcliffe Saunders, Esq. [P.]. |

### Pitangus maximiliani (*Cab. & Heine*).

(Plate V. fig. 1.)

Tyrannus sulphuratus, *d'Orb. Voy., Ois.* pl. 39. fig. 3, & pl. 49. fig. 3 (1835–44).

Pitangus sulphuratus, *Scl. Cat. Birds B. M.* xiv. p. 176, part. (1888); *Nehrk. Kat. Eiersamml.* p. 140 (1899).

Pitangus sulphuratus maximiliani, *von Ihering, Rev. Mus. Paulista,* iv. p. 234 (1900).

Pitangus maximiliani, *Sharpe, Hand-l.* iii. p. 127 (1901).

The eggs of Maximilian's Tyrant-bird in the Collection are of a regular oval shape, slightly glossy and cream-coloured, spotted with dark umber-brown and lavender. They measure respectively: 1·08 by ·8; 1·12 by ·83; 1·12 by ·85; 1·1 by ·85; 1·1 by ·8.

| | | |
|---|---|---|
| 3. | Brazil (*Nehrkorn Coll.*). | Crowley Bequest. |
| 2. | Brazil. | W. Radcliffe Saunders, Esq. [P.]. |

### Pitangus bolivianus (*Lafr.*).

Pitangus bellicosus, *Dalgleish, Proc. R. Phys. Soc. Edin.* vi. p. 247, pl. viii. fig. 1 (1880–1).

Pitangus bolivianus, *Scl. Cat. Birds B. M.* xiv. p. 177 (1888); *id. & Huds. Argent. Orn.* i. p. 147 (1888); *Holland, Ibis,* 1892, p. 200; *Aplin, Ibis,* 1894, p. 179; *Nehrk. Kat. Eiersamml.* p. 140 (1899); *Sharpe, Hand-l.* iii. p. 127 (1901).

Pitangus sulphuratus bolivianus, *von Ihering, Rev. Mus. Paulista,* iv. p. 234 (1900).

The eggs of the Bienteveo Tyrant-bird are of a somewhat pointed oval shape and but very slightly glossy. They vary from cream-colour to pale buff, spotted, blotched, and otherwise marked with chocolate-brown and lavender. The markings are almost entirely confined to the broad end. Specimens measure from 1·1 to 1·2 in length, and from ·77 to ·87 in breadth.

| | | |
|---|---|---|
| 3. | Brazil. | Spencer Moore, Esq. [P.]. |
| 2. | Brazil (*Nehrkorn Coll.*). | Crowley Bequest. |
| 5. | Uruguay, 22nd Nov. | O. V. Aplin, Esq. [P.]. |
| 2. | Uruguay. | A. K. Mackinnon, Esq. (P.]. |
| 5. | Argentine Republic, Oct. | A. H. Holland, Esq. [C.]. |
| 4. | Argentine Republic. | Crowley Bequest. |

### Pitangus lictor (*Cab.*).

(Plate V. fig. 2.)

Pitangus lictor, *Scl. Cat. Birds B. M.* xiv. p. 178 (1888); *Salv. & Godm. Biol. Centr.-Amer., Aves*, ii. p. 45 (1889); *Nehrk. Kat. Eiersamml.* p. 140 (1899); *von Ihering, Rev. Mus. Paulista*, iv. p. 235 (1900); *Sharpe, Hand-l.* iii. p. 128 (1901).

The eggs of the Lictor Tyrant-bird in the Collection are of an ordinary oval shape, moderately glossy and cream-coloured, delicately marked with specks, spots, and tiny blotches of deep blackish brown and lavender. They measure respectively: 1·03 by ·75; 1·04 by ·75.

| | | |
|---|---|---|
| 2. | Brazil, 30th Oct. | Crowley Bequest. |

### Pitangus caudifasciatus (*d'Orb.*).

(Plate V. fig. 3.)

Tyrannus caudifasciatus, *Gosse, Birds Jamaica*, p. 177 (1847).
Pitangus caudifasciatus, *Scl. Cat. Birds B. M.* xiv. p. 179 (1888); *Nehrk. Kat. Eiersamml.* p. 140 (1899); *Sharpe, Hand-l.* iii. p. 128 (1901).

The eggs of the Petchary Tyrant-bird are of a regular oval form and moderately glossy. They vary from creamy white to pale pinkish buff, and they are coarsely spotted, streaked, and blotched with chestnut and lilac-grey. They measure from ·95 to 1 in length, and from ·7 to ·72 in breadth.

| | | |
|---|---|---|
| 4. | Jamaica. | Salvin-Godman Coll. |
| 2. | Jamaica. | Rev. Barham Zincke [C.]. |
| 6. | Jamaica. | Crowley Bequest. |

## Genus **MYIODYNASTES**, *Bp.*

### Myiodynastes luteiventer, *Bp.*

Myiodynastes luteiventris, *Scl. Cat. Birds B. M.* xiv. p. 183 (1888); *Salv. & Godm. Biol. Centr.-Amer., Aves*, ii. p. 48 (1889); *Bendire, Life-Hist. N. Amer. Birds*, ii. p. 256, pl. ii. fig. 7 (1895); *Nehrk. Kat. Eiersamml.* p. 140 (1899); *Sharpe, Hand-l.* iii. p. 129 (1901).

The eggs of the Sulphur-bellied Tyrant-bird are of a blunt oval shape, slightly glossy and of a pinkish-cream colour, coarsely marked with confluent streaks and blotches of dark reddish brown and lavender. They measure from ·97 to 1·02 in length, and from ·7 to ·77 in breadth.

| | | |
|---|---|---|
| 1. | Valladolid, Yucatan (*Gaumer*). | Gould Coll. |
| 3. | Yucatan. | Crowley Bequest. |
| 1. | Yucatan (*Nehrkorn Coll.*), | Crowley Bequest. |

## Genus **MEGARHYNCHUS**, *Thunb.*

### **Megarhynchus pitangua** (*Linn.*).

(Plate V. fig. 4.)

Megarhynchus pitangua, *Scl. Cat. Birds B. M.* xiv. p. 189 (1888); *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 51 (1889); *Nehrk. Cat. Eiersamml.* p. 140 (1899); *von Ihering, Rev. Mus. Paulista,* iv. p. 235 (1900); *Sharpe, Hand-l.* iii. p. 130 (1901).

The eggs of the Pitangua Tyrant-bird in the Collection are of a regular oval shape, slightly glossy and cream-coloured, densely speckled, spotted, and blotched with reddish brown and lavender. The markings are more dense at the broad end than elsewhere, forming at that part an irregular cap. Two examples measure respectively: 1·15 by ·82; 1·11 by ·82.

4. Costa Rica, 14th May. C. F. Underwood, Esq. [C.].

### **Megarhynchus chrysocephalus** (*Tschudi*).

Myiodynastes chrysocephalus, *Scl. Cat. Birds B. M.* xiv. p. 187 (1888).
Megarhynchus chrysocephalus, *Sharpe, Hand-l.* iii. p. 130 (1901).

Of the eggs of the Golden-headed Tyrant-bird in the Collection, two specimens are inseparable from those of *Myiodynastes luteiventer*, and two very closely resemble the eggs of *Pitangus caudifasciatus*. Four examples measure respectively: 1·1 by ·71; 1·03 by ·73; 1·03 by ·72; 1·05 by ·71.

4. Venezuela (*Gugenheimer*). Crowley Bequest.

## Genus **ONYCHORHYNCHUS**, *Fischer.*

### **Onychorhynchus mexicanus** (*Scl.*).

(Plate V. fig. 12.)

Muscivora mexicana, *Scl. Cat. Birds B. M.* xiv. p. 193 (1888); *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 53 (1889); *Nehrk. Kat. Eiersamml.* p. 141 (1899).
Onychorhynchus mexicanus, *Sharpe, Hand-l.* iii. p. 130 (1901).

The eggs of the Fan-crested Tyrant-bird are of a regular oval shape and devoid of gloss. They are of a pinkish cream-colour, very thickly streaked and smeared with deep vinous brown, to such an extent in some specimens that little of the ground-colour remains visible. Four examples measure respectively: ·8 by ·58; ·81 by ·56; ·85 by ·55; ·84 by ·55.

4. Panama (*McLeannan*). Salvin-Godman Coll.

## Genus **MYIOBIUS**, *Gray*.

### **Myiobius barbatus** (*Gm.*).

Myiobius barbatus, *Scl. Cat. Birds B. M.* xiv. p 199 (1888); *Salv. & Godm. Biol. Centr.-Amer., Aves*, ii. p. 56 (1889); *von Ihering, Rev. Mus. Paulista*, iv. p. 236 (1900); *Sharpe, Hand-l.* iii. p. 131 (1901).

Two eggs of the Yellow-rumped Tyrant-bird in the Collection appear to be quite indistinguishable from those of the next species. One example measures ·7 by ·55.

| | | |
|---|---|---|
| 2. | Rio Janeiro. | Alexander Fry, Esq. [P.]. |

### **Myiobius nævius** (*Bodd.*).

(Plate V. fig. 6.)

Myiobius nævius, *Scl. & Salv. P. Z. S.* 1879, p. 514; *Scl. Cat. Birds B. M.* xiv. p. 209 (1888); *id. & Huds. Argent. Orn.* i. p. 151 (1888); *Salv. & Godm. Biol. Centr.-Amer., Aves*, ii. p. 58 (1889); *Nehrk. Kat. Eiersamml.* p. 141 (1899); *von Ihering, Rev. Mus. Paulista*, iv. p. 236 (1900); *Sharpe, Hand-l.* iii. p. 133 (1901).

The eggs of the Little Brown Tyrant-bird are of a pointed oval shape and almost devoid of gloss. They are of a rich cream-colour, spotted and blotched, chiefly over the larger half of the egg, with reddish brown, lilac-red, and lavender. They measure from ·65 to ·7 in length, and from ·5 to ·52 in breadth.

| | | |
|---|---|---|
| 1. | Antioquia, U.S. Colombia (*T. K. Salmon*). | Salvin-Godman Coll. |
| 2. | Medellin, Antioquia (*T. K. S.*). | Salvin-Godman Coll. |
| 1. | Rio de Janeiro. | Alexander Fry, Esq. [P.]. |
| 4. | Argentine Republic. | Crowley Bequest. |

## Genus **PYROCEPHALUS**, *Gould*.

### **Pyrocephalus rubineus** (*Bodd.*).

(Plate V. fig. 5.)

Pyrocephalus rubineus, *Huds. P. Z. S.* 1872, p. 808; *Tacz. P. Z. S.* 1877, p. 752; *Scl. & Salv. P. Z. S.* 1879, p. 515; *Dalgleish, Proc. R. Phys. Soc. Edin.* viii. p. 82 (1883–5); *Scl. Cat. Birds B. M.* xiv. p. 211 (1888); *id. & Huds. Argent. Orn.* i. p. 152 (1888); *Salv. & Godm. Biol. Centr.-Amer., Aves*, ii. p. 60 (1889); *Nehrk. Kat. Eiersamml.* p. 141 (1899); *von Ihering, Rev. Mus. Paulista*, iv. p. 236 (1900); *Sharpe, Hand-l.* iii. p. 134 (1901).

The eggs of the Scarlet Tyrant-bird are of a pointed oval shape and devoid of gloss. They are cream-coloured, spotted and blotched with sepia-brown and deep lavender-grey, the markings being often disposed most densely round the larger end or the middle of the egg, where they form a very broad but irregular zone. They measure from ·65 to ·7 in length, and from ·5 to ·57 in breadth.

| | |
|---|---|
| 6. Medellin, Antioquia, U.S. Colombia (*T. K. Salmon*). | Salvin-Godman Coll. |
| 2. Medellin (*T. K. S.*). | Crowley Bequest. |
| 2. Antioquia (*T. K. S.*). | Salvin-Godman Coll. |
| 5. Argentine Republic, Nov. | A. H. Holland, Esq. [C.]. |
| 3. Buenos Ayres. | W. H. Hudson, Esq. [P.]. |

### **Pyrocephalus mexicanus**, *Scl.*

Pyrocephalus rubineus, *var.* mexicanus, *Baird, Brewer & Ridgw. N. Amer. Birds,* ii. p. 387 (1874).
Pyrocephalus mexicanus, *Scl. Cat. Birds B. M.* xiv. p. 213 (1888); *Nehrk. Kat. Eiersamml.* p. 141 (1899); *Sharpe, Hand-l.* iii. p. 134 (1901).
Pyrocephalus rubineus mexicanus, *Bendire, Life-Hist. N. Amer. Birds,* ii. p. 322, pl. ii. figs. 34 & 35 (1895).

The eggs of the Vermilion Tyrant-bird appear to be inseparable from those of *P. rubineus.* Three examples measure respectively: ·71 by ·52; ·68 by ·52; ·72 by ·53.

| | |
|---|---|
| 3. Mexico. | Crowley Bequest. |

## Genus **EMPIDOCHANES**, *Scl.*

### **Empidochanes fuscatus** (*Wied*).

(Plate V. fig. 8.)

Empidochanes fuscatus, *Scl. Cat. Birds B. M.* xiv. p. 216 (1888); *Nehrk. Kat. Eiersamml.* p. 141 (1899); *von Ihering, Rev. Mus. Paulista,* iv. p. 236 (1900); *Sharpe, Hand-l.* iii. p. 135 (1901).

The eggs of the Dusky Tyrant-bird in the Collection are of an ordinary oval shape. One is cream-coloured, a second is of a pinkish-white colour, and both are spotted and blotched, chiefly at the broad end, with reddish brown, lilac-red, and lavender. They measure respectively: ·72 by ·6; ·76 by ·59.

| | |
|---|---|
| 2. Iguapé, Brazil, 20th Nov. | Crowley Bequest. |

## Genus **SAYORNIS**, *Bp.*

### **Sayornis phœbe** (*Lath.*).

Sayornis fuscus, *Baird, Brewer & Ridgw. N. Amer. Birds,* ii. p. 343 (1874).
Empidias fuscus, *Scl. Cat. Birds B. M.* xiv. p. 264 (1888); *Nehrk. Kat. Eiersamml.* p. 143 (1899).
Sayornis phœbe, *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 63 (1889); *Bendire, Life-Hist. N. Amer. Birds,* ii. p. 272, pl. i. fig. 28 (1895); *Sharpe, Hand-l.* iii. p. 136 (1901).

The eggs of the Phœbe Tyrant-bird are of a pointed oval shape and moderately glossy. The majority are plain white; others are sparingly speckled with rufous brown at the broad end. They measure from ·71 to ·84 in length, and from ·55 to ·61 in breadth.

| | | |
|---|---|---|
| 14. | N. America (*Henshaw Coll.*). | Salvin-Godman Coll. |
| 1. | N. America. | Salvin-Godman Coll. |
| 2. | N. America. | Crowley Bequest. |
| 3. | Illinois, 20th June. | W. Radcliffe Saunders, Esq. [P.]. |
| 3. | Virginia. | Crowley Bequest. |
| 3. | Princeton, New Jersey, 11th May (*W. E. D. Scott*). | Princeton University [E.]. |
| 4. | Princeton, 12th May (*W. E. D. S.*). | Princeton University [E.]. |

### **Sayornis saya** (*Bp.*).

Sayornis sayus, *Baird, Brewer & Ridgw. N. Amer. Birds*, ii. p. 347 (1874).
Sayornis pallida, *Scl. Cat. Birds B. M.* xiv. p. 32 (1888); *Nehrk. Kat. Eiersamml.* p. 136 (1899).
Sayornis saya, *Salv. & Godm. Biol. Centr.-Amer., Aves*, ii. p. 62 (1889); *Bendire, Life-Hist. N. Amer. Birds*, ii. p. 276, pl. i. fig. 29 (1895); *Sharpe, Hand-l.* iii. p. 136 (1901).

The eggs of Say's Tyrant-bird are of a pointed oval shape, slightly glossy, and of a plain white. Seven examples measure respectively: ·76 by ·59; ·78 by ·6; ·77 by ·6; ·71 by ·6; ·78 by ·6; ·78 by ·59; ·77 by ·59.

| | | |
|---|---|---|
| 3. | Boulder Co., Colorado, May. | W. Radcliffe Saunders, Esq. [P.]. |
| 4. | Meade Co., Missouri, 20th June (*J. H. Jackson*). | Crowley Bequest. |

### **Sayornis nigricans** (*Swains.*).

Sayornis nigricans, *Baird, Brewer & Ridgw. N. Amer. Birds*, ii. p. 340 (1874); *Scl. Cat. Birds B. M.* xiv. p. 33 (1888); *Salv. & Godm. Biol. Centr.-Amer., Aves*, ii. p. 64 (1889); *Bendire, Life-Hist. N. Amer. Birds*, ii. p. 280, pl. i. fig. 30 (1895); *Nehrk. Kat. Eiersamml.* p. 136 (1899); *Sharpe, Hand-l.* iii. p. 136 (1901).

The eggs of the Black Tyrant-bird resemble those of *S. phœbe*, some being plain white, and others speckled. They measure from ·71 to ·78 in length, and from ·55 to ·62 in breadth.

| | | |
|---|---|---|
| 4. | N. America. | W. Radcliffe Saunders, Esq. [P.]. |
| 5. | California (*R. Ridgway*). | Crowley Bequest. |
| 3. | California, 18th May (*A. J. Burrows*). | Crowley Bequest. |
| 4. | Los Angeles, California, 2nd June. | W. Radcliffe Saunders, Esq. [P.]. |

### **Sayornis cineracea** (*Lafr.*).

Sayornis cineracea, *Scl. & Salv. P. Z. S.* 1879, p. 511; *Scl. Cat. Birds B. M.* xiv. p. 34 (1888); *Nehrk. Kat. Eiersamml.* p. 136 (1899); *Sharpe, Hand-l.* iii. p. 137 (1901).

The eggs of the Ashy Tyrant-bird in the Collection are of a regular oval shape, slightly glossy, and of a white colour. Two examples measure respectively: ·75 by ·57; ·79 by ·58.

| | | |
|---|---|---|
| 2. | Frontino, Antioquia, U.S. Colombia (*T. K. Salmon*). | Salvin-Godman Coll. |

## Genus **EMPIDONAX**, *Cab.*

### **Empidonax pusillus** (*Swains. & Richards.*).

Empidonax pusillus, *Baird, Brewer & Ridgw. N. Amer. Birds*, ii. p. 366 (1874); *Scl. Cat. Birds B. M.* xiv. p. 225 (1888); *Bendire, Life-Hist. N. Amer. Birds*, ii. p. 305, pl. ii. figs. 28 & 29 (1895); *Nehrk. Kat. Eiersamml.* p. 141 (1899); *Sharpe, Hand-l.* iii. p. 138 (1901).
Empidonax pusillus, *var.* trailli, *Baird, Brewer & Ridgw. N. Amer. Birds*, ii. p. 369 (1874).
Empidonax trailli, *Scl. Cat. Birds B. M.* xiv. p. 226 (1888); *Salv. & Godm. Biol. Centr.-Amer., Aves*, ii. p. 71 (1889); *Nehrk. Kat. Eiersamml.* p. 141 (1899).
Empidonax pusillus traillii, *Bendire, Life-Hist. N. Amer. Birds*, ii. p. 310 pl. ii. fig. 30 (1895).

The eggs of the Little Tyrant-bird are of a pointed oval shape, and slightly glossy. They vary from white to pale cream-colour, marked with purplish red and lilac-red. On some specimens the markings consist of small spots and specks; on others of spots and small blotches. Examples measure from ·67 to ·74 in length, and from ·51 to ·55 in breadth.

| | | |
|---|---|---|
| 8. | N. America (*Henshaw Coll.*). | Salvin-Godman Coll. |
| 2. | N. America. | Crowley Bequest. |
| 4. | Black Hawk Co., Iowa, 9th July. | W. Radcliffe Saunders, Esq. [P.]. |
| 4. | McLean, Illinois, 16th June. | W. Radcliffe Saunders, Esq. [P.]. |
| 1. | California. | Crowley Bequest. |
| 4. | Honey Lake, California, 25th June (*Henshaw Coll.*). | Salvin-Godman Coll. |

### **Empidonax minimus** (*Baird*).

Empidonax minimus, *Ross, Canad. Nat.* vii. p. 144 (1862); *id. Nat. Hist. Rev.* 1862, p. 278; *Baird, Brewer & Ridgw. N. Amer. Birds*, ii. p. 372 (1874); *Scl. Cat. Birds B. M.* xiv. p. 227 (1888); *Salv. & Godm. Biol. Centr.-Amer., Aves*, ii. p. 72 (1889); *Bendire, Life-Hist. N. Amer. Birds*, ii. p. 312, pl. ii. fig. 31 (1895); *Nehrk. Kat. Eiersamml.* p. 141 (1899); *Sharpe, Hand-l.* iii. p. 138 (1901).

The eggs of the Least Tyrant-bird are white, of a pointed oval shape, and almost devoid of gloss. They measure from ·6 to ·7 in length, and from ·46 to ·54 in breadth.

| | | |
|---|---|---|
| 13. | N. America (*Henshaw Coll.*). | Salvin-Godman Coll. |
| 1. | N. America (*Smiths. Inst.*). | Salvin-Godman Coll. |
| 4. | N. America. | Crowley Bequest. |
| 5. | Mackenzie River District. | R. B. Ross, Esq. [P.]. |
| 3. | Cobourg, Ontario, 10th July. | W. Radcliffe Saunders, Esq. [P.]. |

### Empidonax virescens, *Vieill.*

Empidonax acadicus, *Baird, Brewer & Ridgw. N. Amer. Birds,* ii. p. 374 (1874); *Scl. Cat. Birds B. M.* xiv. p. 228 (1888); *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 70 (1889); *Bendire, Life-Hist. N. Amer. Birds,* ii. p. 302, pl. ii. figs. 26 & 27 (1895); *Nehrk. Kat. Eiersamml.* p. 141 (1899).
Empidonax virescens, *Sharpe, Hand-l.* iii. p. 138 (1901).

The eggs of the Acadian Tyrant-bird resemble those of *E. pusillus* of the coarsely-marked type. They measure from ·72 to ·77 in length, and from ·52 to ·58 in breadth.

| | | |
|---|---|---|
| 1. | N. America (*Smiths. Inst.*). | Salvin-Godman Coll. |
| 4. | N. America, 15th May. | W. Radcliffe Saunders, Esq. [P.]. |
| 3. | Washington District, Columbia (*Henshaw Coll.*). | Salvin-Godman Coll. |
| 1. | Columbus, Ohio (*Henshaw Coll.*). | Salvin-Godman Coll. |

### Empidonax flaviventris (*Baird*).

Empidonax flaviventris, *Baird, Brewer & Ridgw. N. Amer. Birds,* ii. p. 378 (1874); *Scl. Cat. Birds B. M.* xiv. p. 230 (1888); *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 73 (1889); *Bendire, Life-Hist. N. Amer. Birds,* ii. p. 295, pl. ii. fig. 23 (1895); *Nehrk. Kat. Eiersamml.* p. 142 (1899); *Sharpe, Hand-l.* iii. p. 139 (1901).

An egg of the Yellow-bellied Tyrant-bird in the Collection is of a pointed oval shape, devoid of gloss, and plain white. It measures ·69 by ·51. The eggs of this species appear to be often speckled with rufous.

| | | |
|---|---|---|
| 1. | Grand Menan Island, Bay of Fundy (*T. M. Brewer: Tristram Coll.*). | Crowley Bequest. |

### Empidonax difficilis, *Baird.*

Empidonax flaviventris, *var.* difficilis, *Baird, Brewer & Ridgw. N. Amer. Birds,* ii. p. 380 (1874).
Empidonax difficilis, *Scl. Cat. Birds B. M.* xiv. p. 229 (1888); *Bendire, Life-Hist. N. Amer. Birds,* ii. p. 298, pl. ii. figs. 24, 25 (1895); *Nehrk. Kat. Eiersamml.* p. 142 (1899); *Sharpe, Hand-l.* iii. p. 139 (1901).

The eggs of the Western Tyrant-bird are of a pointed oval shape, slightly glossy and white, speckled and blotched, chiefly round the broad end, with pale chestnut and lilac-red. Four examples measure respectively: ·62 by ·51; ·66 by ·52; ·68 by ·52; ·65 by ·51.

| | | |
|---|---|---|
| 1. | North America. | W. Radcliffe Saunders, Esq. [P.]. |
| 3. | Alameda, California, 11th May (*H. B. Taylor*). | Crowley Bequest. |

### Empidonax flavescens, *Lawr.*

(Plate V. fig. 9.)

Empidonax flavescens, *Scl. Cat. Birds B. M.* xiv. p. 231 (1888); *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 75 (1889); *Sharpe, Hand-l.* iii. p. 139 (1901).

The eggs of the Yellow Tyrant-bird in the Collection are of a blunt oval shape, devoid of gloss, and of a pinkish cream-colour, boldly spotted and blotched, especially at the broad end, with chestnut, lilac-red, and lavender. There are also a few black specks at the broad end. Two examples measure respectively: ·69 by ·55; ·7 by ·58.

| | | |
|---|---|---|
| 2. | Costa Rica, 4th June (*C. F. Underwood*). | Crowley Bequest. |

### Empidonax hammondi (*De Vesey*).

Empidonax hammondi, *Baird, Brewer & Ridgw. N. Amer. Birds,* ii. p. 383 (1888); *Scl. Cat. Birds B. M.* xiv. p. 232 (1888); *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 76 (1889); *Bendire, Life-Hist. N. Amer. Birds,* ii. p. 315, pl. ii. fig. 32 (1895); *Nehrk. Kat. Eiersamml.* p. 142 (1899); *Sharpe, Hand-l.* iii. p. 139 (1901).

An egg of Hammond's Tyrant-bird in the Collection is of a regular oval shape, moderately glossy, and plain white. It measures ·65 by ·5.

| | | |
|---|---|---|
| 1. | North America (*Nehrkorn Coll.*). | Crowley Bequest. |

## Genus **HORIZOPUS**, *Oberh.*

### Horizopus virens (*Linn.*).

Contopus virens, *Baird, Brewer & Ridgw. N. Amer. Birds,* ii. p. 357 (1874); *Scl. Cat. Birds B. M.* xiv. p. 238 (1888); *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 84 (1889); *Bendire, Life-Hist. N. Amer. Birds,* ii. p. 288, pl. ii. figs. 18 & 19 (1895); *Nehrk. Kat. Eiersamml.* p. 142 (1899).
Horizopus virens, *Sharpe, Hand-l.* iii. p. 141 (1901).

The eggs of the Wood Pewee are of a pointed oval shape, and almost devoid of gloss. They are cream-coloured, spotted and blotched, chiefly in the form of a band round the broad end, with rich purplish brown and deep lavender-grey. On some specimens the markings are dense and more or less confluent; on others sparse and detached from each other. Examples measure from ·7 to ·75 in length, and from ·52 to ·55 in breadth.

| | | |
|---|---|---|
| 2. | North America (*Henshaw Coll.*). | Salvin-Godman Coll. |
| 2. | Massachusetts (*T. M. Brewer*). | Crowley Bequest. |
| 4. | West Newbury, Massachusetts, 19th June. | W. Radcliffe Saunders, Esq. [P.]. |
| 3. | West Chester, Pennsylvania, 23rd June (*T. H. Jackson*). | Crowley Bequest. |
| 3. | Summit, New Jersey, 3rd May (*W. E. D. Scott*). | Princeton University, N.J. [E.]. |

### Horizopus richardsoni (*Swains.*).

Contopus virens, *var.* richardsoni, *Baird, Brewer & Ridgw. N. Amer. Birds,* ii. p. 360 (1874).

Contopus richardsoni, *Scl. Cat. Birds B. M.* xiv. p. 239 (1888); *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 85 (1889); *Bendire, Life-Hist. N. Amer. Birds,* ii. p. 291, pl. ii. figs. 20–22 (1895); *Nehrk. Kat. Eiersamml.* p. 142 (1899).

Horizopus richardsoni, *Sharpe, Hand-l.* iii. p. 142 (1901).

The eggs of the Western Wood Pewee resemble those of *H. virens,* but the shell-markings are more of a lilac-grey colour. They measure from ·69 to ·78 in length, and from ·53 to ·56 in breadth.

| | | |
|---|---|---|
| 2. | North America. | Crowley Bequest. |
| 3. | California, 30th May (*J. Grinnell*). | Crowley Bequest. |
| 2. | Susanville, California (*Henshaw Coll.*). | Salvin-Godman Coll. |
| 4. | Riverside, California, 10th May. | W. Radcliffe Saunders, Esq. [P.]. |

## Genus **MYIARCHUS,** *Cab.*

### Myiarchus crinitus (*Linn.*).

Myiarchus crinitus, *Baird, Brewer & Ridgw. N. Amer. Birds,* ii. p. 334 (1874); *Scl. Cat. Birds B. M.* xiv. p. 247 (1888); *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 87 (1889); *Bendire, Life-Hist. N. Amer. Birds,* ii. p. 259, pl. ii. figs. 8 & 9 (1895); *Nehrk. Kat. Eiersamml.* p. 142 (1899); *Sharpe, Hand-l.* iii. p. 144 (1901).

The eggs of the Great Crested Tyrant-bird vary from an oval to a spheroidal shape, and are slightly glossy. The ground-colour ranges from cream-colour to pale buff, and the egg is more or less densely marked with blotches, longitudinal streaks and scratches, and intricate tangles of lines of umber-brown, purple, and lavender-grey. On some examples lines preponderate, on others streaks and blotches. Specimens measure from ·84 to ·94 in length, and from ·67 to ·69 in breadth.

| | | |
|---|---|---|
| 1. | North America. | Salvin-Godman Coll. |
| 3. | North America (*Henshaw Coll.*). | Salvin-Godman Coll. |
| 4. | North America. | Crowley Bequest. |
| 4. | North America (*D. G. Elliot: Tristram Coll.*). | Crowley Bequest. |
| 1. | North America. | W. Radcliffe Saunders, Esq. [P.]. |
| 1. | New York, May (*Tristram Coll.*). | Crowley Bequest. |
| 4. | Rhode Island, 20th May. | W. Radcliffe Saunders, Esq. [P.]. |
| 3. | Princeton, New Jersey, 9th June (*W. E. D. Scott*). | Princeton University, N.J. [E.]. |

### Myiarchus cinerascens (*Lawr.*).

Myiarchus crinitus, *var.* cinerascens, *Baird, Brewer & Ridgw. N. Amer. Birds,* ii. p. 337 (1874).

Myiarchus cinerascens, *Scl. Cat. Birds B. M.* xiv. p. 248 (1888); *Salv. &*

*Godm. Biol. Centr.-Amer., Aves,* ii. p. 91 (1889); *Bendire, Life-Hist. N. Amer. Birds,* ii. p. 266, pl. ii. fig. 13 (1895); *Nehrk. Kat. Eiersamml.* p. 142 (1899); *Sharpe, Hand-l.* iii. p. 144 (1901).

The eggs of the Ash-throated Tyrant-bird resemble those of *M. crinitus.* The specimens in the Collection measure from ·9 to ·97 in length, and from ·68 to ·75 in breadth.

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| 2. California (*A. Forrer*). | Crowley Bequest. |
| 4. Los Angeles, California, 2nd June. | W. Radcliffe Saunders, Esq. [P.]. |

## Myiarchus mexicanus (*Kaup*).

Myiarchus mexicanus, *Sclater, Cat. Birds B. M.* xiv. p. 250 (1888); *Bendire, Life-Hist. N. Amer. Birds,* ii. p. 263, pl. ii. figs. 10 & 11 (1895); *Nehrk. Kat. Eiersamml.* p. 142 (1899); *Sharpe, Hand-l.* iii. p. 144 (1901).

Myiarchus magister, *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 89 (1888).

Eggs of the Mexican Tyrant-bird in the Collection resemble those of *M. crinitus.* The measurements are from ·80 to ·92 in length, and from ·65 to ·70 in breadth.

| | |
|---|---|
| 5. Tampico, Mexico, 10th April. | W. Radcliffe Saunders, Esq. [P.]. |

## Myiarchus tyrannulus (*P. L. S. Müll.*).

(Plate V. fig. 10.)

Myiarchus tyrannulus, *Scl. & Salv. P. Z. S.* 1879, p. 515; *Scl. Cat. Birds B. M.* xiv. p. 251 (1888); *id. & Huds. Argent. Orn.* i. p. 156 (1888); *Dalgleish, Proc. R. Phys. Soc. Edin.* x. p. 79 (1888–90); *Sharpe, Hand-l.* iii. p. 145 (1901).

The eggs of the Rusty-tailed Tyrant-bird in the Collection resemble those of *M. crinitus.* Two examples measure ·9 by ·7.

| | |
|---|---|
| 2. Santa Elena, Antioquia, U.S. Colombia (*T. K. Salmon*). | Salvin-Godman Coll. |

## Myiarchus oberi, *Lawr.*

Myiarchus tyrannulus, *Scl. Cat. Birds B. M.* xiv. p. 251 (1888, part.).

Myiarchus oberi, *Hartert, Ibis,* 1893, p. 298; *Sharpe, Hand-l.* iii. p. 145 (1901).

The eggs of Ober's Tyrant-bird are inseparable from those of *M. tyrannulus.* Four examples measure respectively: ·9 by ·73; ·95 by 72; ·94 by ·71; ·9 by ·73.

| | |
|---|---|
| 4. Grenada, W. Indies (*J. G. Wells*). | Crowley Bequest. |

## Myiarchus ferox (*Gm.*).

Myiarchus ferox, *Scl. Cat. Birds B. M.* xiv. p. 253 (1888); *id. & Huds. Argent. Orn.* i. p. 156 (1888); *Salv. & Godm. Biol. Centr.-Amer., Aves,*

ii. p. 92 (1889); *Nehrk. Kat. Eiersamml.* p. 142 (1899); *von Ihering, Rev. Mus. Paulista,* iv. p. 237 (1900); *Sharpe, Hand-l.* iii. p. 145 (1901).

An egg of the Fierce Tyrant-bird in the Collection resembles many of the eggs of *M. crinitus,* and measures ·93 by ·67.

1. Argentine Republic. Crowley Bequest.

### **Myiarchus lawrencei** (*Giraud*).

Myiarchus lawrencei, *Scl. Cat. Birds B. M.* xiv. p. 256 (1888); *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 94 (1889, part.); *Bendire, Life-Hist. N. Amer. Birds,* ii. p. 270 (1895); *Nehrk. Kat. Eiersamml.* p. 142 (1899); *Sharpe, Hand-l.* iii. p. 146 (1901).

The eggs of Lawrence's Tyrant-bird resemble those of *M. crinitus.* Two examples measure respectively: ·8 by ·65; ·82 by ·68.

2. North America. Crowley Bequest.

### **Myiarchus nigricapillus,** *Ridgw.*

(Plate V. fig. 11.)

Myiarchus nigricapillus, *Scl. Cat. Birds B. M.* xiv. p. 257 (1888); *Sharpe, Hand-l.* iii. p. 146 (1901).
Myiarchus lawrencii, *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 94 (1889, part.).

The eggs of the Black-capped Tyrant-bird resemble in general character those of *M. crinitus* and the other species of the genus already described, but the markings are denser and on the whole smaller and more delicate. Three examples measure respectively: ·8 by ·62; ·82 by ·62; ·8 by ·61.

3. Costa Rica, 15th May. C. F. Underwood, Esq. [C.].

### **Myiarchus stolidus** (*Gosse*).

(Plate V. fig. 13.)

Myiobius stolidus, *Gosse, Birds Jamaica,* p. 168 (1847).
Myiarchus stolidus, *Scl. Cat. Birds B. M.* xiv. p. 260 (1888); *Nehrk. Kat. Eiersamml.* p. 142 (1899); *Sharpe, Hand-l.* iii. p. 147 (1901).

The eggs of the Foolish Tyrant-bird resemble those of *M. crinitus.* Three specimens measure respectively: ·92 by ·65; ·79 by ·61; ·85 by ·67.

3. Jamaica. Salvin-Godman Coll.

### **Myiarchus barbirostris** (*Swains.*).

(Plate V. fig. 7.)

Myiobius tristis, *Gosse, Birds Jamaica,* p. 167 (1847).
Blacicus barbirostris, *Scl. Cat. Birds B. M.* xiv. p. 244 (1888).
Myiarchus barbirostris, *Sharpe, Hand-l.* iii. p. 147 (1901).

The eggs of the Black-billed Tyrant-bird are of a regular oval shape, and almost devoid of gloss. They are of a creamy-white colour, spotted, chiefly round the broad end, with rusty brown and lilac-grey. Two examples measure respectively: ·7 by ·52; ·72 by ·53.

2. Jamaica. Crowley Bequest.

## Genus **EMPIDONOMUS**, *Cab. & Heine.*

### **Empidonomus varius** (*Vieill.*).

(Plate V. fig. 16.)

Empidonomus varius, *Scl. Cat. Birds B. M.* xiv. p. 265 (1888); *Nehrk. Kat. Eiersamml.* p. 143 (1889); *von Ihering, Rev. Mus. Paulista*, iv. p. 237 (1900); *Sharpe, Hand-l.* iii. p. 148 (1901).

The eggs of the Striated Tyrant-bird in the Collection are of a blunt oval form, and almost devoid of all gloss. They are cream-coloured, marked with more or less confluent streaks and blotches of rich umber-brown, purple, and lavender-grey. They measure respectively: ·83 by ·63; ·82 by ·62.

2. Iguapé, Brazil, 11th Oct. Crowley Bequest.

### **Empidonomus inca** (*Scl.*).

(Plate V. figs. 14 & 15.)

Empidonomus aurantio-atro-cristatus, *Scl. Cat. Birds B. M.* xiv. p. 266 (1888); *id. & Huds. Argent. Orn.* i. p. 157 (1888); *Nehrk. Kat. Eiersamml.* p. 143 (1899); *von Ihering, Rev. Mus. Paulista*, iv. p. 237 (1900).
Empidonomus inca, *Sharpe, Hand-l.* iii. p. 148 (1901).

Two eggs, said to be those of the Black-and-Yellow-crested Tyrant-bird, differ from each other. One is of a narrow oval form and of a pinkish cream-colour, marked round the broad end with a wide band of confluent smears and spots of pale rusty, purplish brown, and lavender-grey. The second is of a broad oval shape and cream-coloured, marked, chiefly at the broad end, with well-defined spots of blackish brown and lavender-grey. They measure respectively: ·86 by ·59; ·88 by ·66.

2. Argentine Republic. Crowley Bequest.

## Genus **TYRANNUS**, *Cuv.*

### **Tyrannus tyrannus** (*Linn.*).

Tyrannus carolinensis, *Lord, Proc. R. A. Inst., Woolwich*, iv. p. 338 (1865); *Baird, Brewer & Ridgw. N. Amer. Birds*, ii. p. 316 (1874).
Tyrannus pipiri, *Scl. Cat. Birds B. M.* xiv. p. 267 (1888); *Salv. & Godm. Biol. Centr.-Amer., Aves*, ii. p. 97 (1889); *Nehrk. Kat. Eiersamml.* p. 143 (1899).

Tyrannus tyrannus, *Bendire, Life-Hist. N. Amer. Birds*, ii. p. 236, pl. i. figs. 14 & 15 (1895); *Sharpe, Hand-l.* iii. p. 148 (1901).

The eggs of the King-bird are of a regular oval shape, and exhibit a considerable amount of gloss. They are of a creamy-white colour, blotched and spotted with blackish brown and lavender-grey, and occasionally with ochraceous brown. The markings are larger and more numerous at the broad end than elsewhere. Specimens measure from ·9 to 1·05 in length, and from ·65 to ·75 in breadth.

| | | |
|---|---|---|
| 1. | North America. | Salvin-Godman Coll. |
| 4. | North America (*Smiths. Inst.*). | Salvin-Godman Coll. |
| 10. | North America (*J. G. Bell: Tristram Coll.*). | Crowley Bequest. |
| 2. | North America (*D. G. Elliot: Tristram Coll.*). | Crowley Bequest. |
| 1. | North America (*Bourgeau*). | Old Collection. |
| 2. | British Columbia, June (*J. K. Lord*). | N. Amer. Bound. Comm. |
| 2. | British Columbia, June (*J. K. L.*). | N. Amer. Bound. Comm. |
| 4. | British Columbia, June (*J. K. L.*). | N. Amer. Bound. Comm. |
| 3. | British Columbia, June (*J. K. L.*). | N. Amer. Bound. Comm. |
| 5. | Red River, North America, 15th June (*G. M. Dawson*). | N. Amer. Bound. Comm. |
| 3. | St. Paul, Illinois, 6th June. | W. Radcliffe Saunders, Esq. [P.]. |
| 6. | Massachusetts (*Henshaw Coll.*). | Salvin-Godman Coll. |
| 3. | New York (*R. Beck: Smiths. Inst.*). | Princeton University, N.J. [E.]. |
| 4. | Providence, Rhode Island, 2nd May. | W. Radcliffe Saunders, Esq. [P.]. |
| 2. | Princeton, New Jersey, 3rd June (*W. E. D. Scott*). | Princeton University [E.]. |
| 2. | Princeton, 9th June (*W. E. D. S.*). | Princeton University [E.]. |
| 3. | Princeton, 13th June (*W.E.D.S.*). | Princeton University [E.]. |

### **Tyrannus verticalis**, *Say*.

Tyrannus verticalis, *Lord, Proc. R. A. Inst., Woolwich*, iv. p. 338 (1865); *Baird, Brewer & Ridgw. N. Amer. Birds*, ii. p. 324 (1874); *Scl. Cat. Birds B. M.* xiv. p. 269 (1888); *Salv. & Godm. Biol. Centr.-Amer., Aves*, ii. p. 100 (1889); *Bendire, Life-Hist. N. Amer. Birds*, ii. p. 245, pl. i. figs. 16 & 17 (1895); *Nehrk. Kat. Eiersamml.* p. 143 (1899); *Sharpe, Hand-l.* iii. p. 148 (1901).

The eggs of the Arkansas King-bird are not separable from those of *T. tyrannus*.

| | | |
|---|---|---|
| 5. | British Columbia, May (*J. K. Lord*). | N. Amer. Bound. Comm. |
| 4. | Fort Laramie, Wyoming (*D. G. Elliot: Tristram Coll.*). | Crowley Bequest. |
| 4. | Honey Lake, California (*Henshaw Coll.*). | Salvin-Godman Coll. |
| 4. | California, May. | W. Radcliffe Saunders, Esq. [P.]. |

### Tyrannus vociferans, *Swains.*

Tyrannus vociferans, *Baird, Brewer & Ridgw. N. Amer. Birds,* ii. p. 327 (1874); *Sclater, Cat. Birds B. M.* xiv. p. 269 (1888); *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 99 (1888); *Bendire, Life-Hist. N. Amer. Birds,* ii. p. 249, pl. i. figs. 18 & 19 (1895); *Nehrk. Kat. Eiersamml.* p. 143 (1899); *Sharpe, Hand-l.* iii. p. 149 (1901).

The eggs of Cassin's King-bird in the Collection are of a regular oval form, and glossy. The colour is creamy white, marked with spots of reddish brown and a few underlying markings of pale lavender, which are more numerous towards the larger end. Five specimens measure from ·83 to 1·0 in length, and ·65 to ·70 in breadth.

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|---|---|---|
| 5. | California, 20th May. | W. Radcliffe Saunders, Esq. [P.]. |

### Tyrannus niveigularis, *Scl.*

(Plate V. figs. 19 & 20.)

Tyrannus niveigularis, *Tacz. P. Z. S.* 1877, p. 753; *Scl. Cat. Birds B. M.* xiv. p. 270 (1888); *Nehrk. Kat. Eiersamml.* p. 143 (1899); *Sharpe, Hand-l.* iii. p. 149 (1901).

One of the eggs of the White-throated King-bird in the Collection is marked with rich ochraceous brown and lavender, and resembles some of the eggs of *T. tyrannus.* Two others are delicately spotted and streaked all over with ochraceous brown and with lavender. These examples measure respectively: ·95 by ·67; ·95 by ·7; ·99 by ·7.

| | | |
|---|---|---|
| 2. | Tumbez, Peru (*L. Taczanowski*). | Crowley Bequest. |
| 1. | Peru (*Nehrkorn Coll.*). | Crowley Bequest. |

### Tyrannus crassirostris, *Swains.*

(Plate V. fig. 21.)

Tyrannus crassirostris, *Scl. Cat. Birds B. M.* xiv. p. 271 (1888); *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 103 (1889); *Nehrk. Kat. Eiersamml.* p. 143 (1899); *Sharpe, Hand-l.* iii. p. 149 (1901).

The eggs of the Thick-billed King-bird in the Collection are of a creamy-white colour, blotched and spotted, chiefly at the broad end, with deep purplish brown and lavender-grey. They differ greatly in size, one measuring 1·18 by ·72 and the other ·89 by ·7.

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|---|---|---|
| 2. | Mazatlan, Mexico (*A. Forrer*). | Crowley Bequest. |

### Tyrannus dominicensis (*Gm.*).

Tyrannus dominicensis, *Gosse, Birds Jamaica,* p. 169 (1847); *A. & E. Newton, Ibis,* 1859, p. 146, pl. xii. fig. 4; *Baird, Brewer & Ridgw. N. Amer. Birds,* ii. p. 319 (1874); *Bendire, Life-Hist. N. Amer. Birds,* ii. p. 241, pl. ii. figs. 3 & 4 (1895); *Sharpe, Hand-l.* iii. p. 149 (1901).

Tyrannus griseus, *Scl. Cat. Birds B. M.* xiv. p. 271 (1888): *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 98 (1889); *Nehrk. Kat. Eiersamml.* p. 143 (1899).

The eggs of the Grey King-bird resemble those of *T. tyrannus* in general character, but the ground is of a salmon-pink colour, and the markings brownish-red and lavender. They measure from ·96 to 1·1 in length, and from ·7 to ·78 in breadth.

| | | |
|---|---|---|
| 1. | St. Croix, W. Indies, 25th June (*A. & E. Newton*). | Salvin-Godman Coll. |
| 3. | St. Croix, July (*A. & E. N.*). | Salvin-Godman Coll. |
| 2. | St. Croix, July (*A. & E. N.*). | Crowley Bequest. |
| 4. | Jamaica. | Salvin-Godman Coll. |

### **Tyrannus rostratus,** *Scl.*

(Plate V. figs. 17 & 18.)

Tyrannus rostratus, *Scl. Cat. Birds B. M.* xiv. p. 273 (1888); *Feilden, Ibis,* 1889, p. 486; *Sharpe, Hand-l.* iii. p. 149 (1901).

The eggs of the Large-billed Grey King-bird are of a pointed oval shape, and almost devoid of all gloss. They vary from creamy-white to pinkish cream-colour, and are spotted and blotched, chiefly at the broad end, with umber-brown and dark lavender-grey. Six examples measure from 1 to 1·12 in length, and from ·67 to ·75 in breadth.

| | | |
|---|---|---|
| 1. | Barbados, 7th June. | Col. H. W. Feilden [P.]. |
| 3. | Preference, Grenada (*J. G. Bell*). | Crowley Bequest. |
| 2. | Preference, 4th June (*J. G. B.*). | Crowley Bequest. |

### **Tyrannus melancholicus,** *Vieill.*

Tyrannus melancholicus, *d'Orb. Voy. Amér. Mérid., Ois.* pl. 51. fig. 3, pl. 54. fig. 3 (1835–44); *Scl. & Salv. Ibis,* 1859, p. 121, pl. v. fig. 4; *Owen, Ibis,* 1861, p. 63; *Scl. & Salv. P. Z. S.* 1879, p. 516; *Dalgleish, Proc. R. Phys. Soc. Edin.* viii. p. 83 (1883–85); *Scl. Cat. Birds B. M.* xiv. p. 273 (1888); *id. & Huds. Argent. Orn.* i. p. 158 (1888); *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 101 (1889); *Holland, Ibis,* 1892, p. 200; *Nehrk. Kat. Eiersamml.* p. 143 (1899); *Sharpe, Hand-l.* iii. p. 149 (1901).

Tyrannus melancholicus couchii, *Baird, Brewer & Ridgw. N. Amer. Birds,* ii. p. 329 (1874); *Bendire, Life-Hist. N. Amer. Birds,* ii. p. 243, pl. ii. figs. 5 & 6 (1895).

The eggs of the Melancholy King-bird are of two types, some resembling the eggs of *T. tyrannus* and others those of *T. dominicensis*. They measure from ·9 to 1·05 in length, and from ·66 to ·73 in breadth. An abnormally large specimen in the Collection measures 1·1 by ·8.

| | | |
|---|---|---|
| 4. | Florence, Arizona, 15th May. | W. Radcliffe Saunders, Esq. [P.]. |
| 2. | Dueñas, Guatemala (*O. Salvin*). | Salvin-Godman Coll. |

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|---|---|---|
| 2. | Dueñas, 8th May (*O. Salvin*). | Salvin-Godman Coll. |
| 4. | Dueñas, 27th May (*O. S.*). | Salvin-Godman Coll. |
| 4. | Dueñas, 28th May (*O. S.*). | Salvin-Godman Coll. |
| 1. | Dueñas, 28th May (*O. S.*). | Crowley Bequest. |
| 4. | San Geronimo, Guatemala, 5th May (*R. Owen*). | Salvin-Godman Coll. |
| 3. | Yucatan. | Crowley Bequest. |
| 5. | British Honduras (*F. Blancaneaux*). | Salvin-Godman Coll. |
| 2. | Costa Rica, 17th May. | C. F. Underwood, Esq. [C.]. |
| 2. | S. America. | W. Radcliffe Saunders, Esq. [P.]. |
| 2. | Medellin, Antioquia, U.S. Colombia (*T. K. Salmon*). | Salvin-Godman Coll. |
| 4. | Venezuela. | Crowley Bequest. |
| 1. | Brazil. | Crowley Bequest. |
| 3. | Brazil. | Spencer Moore, Esq. [P.]. |
| 4. | Argentine Republic, Nov. | A. H. Holland, Esq. [C.]. |
| 1. | Uruguay. | A. K. Mackinnon, Esq. [P]. |

## Genus **MUSCIVORA**, *Cuv.*

### **Muscivora tyrannus** (*Linn.*).

Tyrannus savanha, *d'Orb. Voy., Ois.* pl. 44. fig. 3 (1835–44).
Milvulus tyrannus, *Baird, Brewer & Ridgw. N. Amer. Birds,* ii. p. 309 (1874); *Scl. & Salv. P. Z. S.* 1879, p. 516; *Dalgleish, Proc. Roy. Phys. Soc. Edin.* vi. p. 248, pl. viii. fig. 2 (1880–1); *Scl. Cat. Birds B. M.* xiv. p. 277 (1888); *id. & Huds. Argent. Orn.* i. p. 160 (1888); *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 104 (1889); *Holland, Ibis,* 1892, p. 201; *Bendire, Life-Hist. N. Amer. Birds,* ii. p. 231 (1895); *Nehrk. Kat. Eiersamml.* p. 143 (1899).
Muscivora tyrannus, *Sharpe, Hand-l.* iii. p. 150 (1901).

The eggs of the Fork-tailed Tyrant-bird are of a very regular oval shape, and exhibit a small amount of gloss. They are of a creamy-white colour, spotted and blotched with lavender-grey and rich purplish or reddish brown. The markings often form a zone round the broad end. Specimens measure from ·82 to ·9 in length, and from ·61 to ·66 in breadth.

| | | |
|---|---|---|
| 2. | Medellin, Antioquia, U.S. Colombia (*T. K. Salmon*). | Salvin-Godman Coll. |
| 1. | Medellin. | Crowley Bequest. |
| 6. | Brazil. | Spencer Moore, Esq. [P.]. |
| 2. | Brazil. | Crowley Bequest. |
| 4. | Brazil. | Crowley Bequest. |
| 5. | Argentine Republic, Nov. | A. H. Holland, Esq. [C.]. |
| 1. | Argentine Republic. | Crowley Bequest. |
| 1. | Buenos Ayres, with 2 eggs of *Molothrus bonariensis.* | W. H. Hudson, Esq. [P.]. |
| 1. | Buenos Ayres, with 8 eggs of *Molothrus bonariensis.* | W. H. Hudson, Esq. [P.]. |
| 1. | Buenos Ayres, with 2 eggs of *Molothrus bonariensis.* | W. H. Hudson, Esq. [P.]. |

### **Muscivora forficatus** (*Gm.*).

Milvulus forficatus, *Baird, Brewer & Ridgw. N. Amer. Birds,* ii. p. 311 (1874); *Scl. Cat. Birds B. M.* xiv. p. 279 (1888); *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 106 (1890); *Bendire, Life-Hist. N. Amer. Birds,* ii. p. 233, pl. i. figs. 12 & 13 (1895); *Nehrk. Kat. Eiersamml.* p. 143 (1899).
Muscivora forficatus, *Sharpe, Hand-l.* iii. p. 150 (1901).

The eggs of the Scissor-tailed Tyrant-bird resemble those of *M. tyrannus*, but have the lavender-grey markings less conspicuous. They measure from ·8 to ·88 in length, and from ·63 to ·65 in breadth.

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|---|---|---|
| 3. | North America (*Smiths. Inst.*). | Salvin-Godman Coll. |
| 4. | Brownsville, Texas, 2nd June. | W. Radcliffe Saunders, Esq. [P.]. |
| 4. | Western Texas (*Tristram Coll.*). | Crowley Bequest. |
| 1. | [Texas (*Tristram Coll.*).] | Crowley Bequest. |
| 4. | Central America. | W. G. Littsom, Esq. [P.]. |

# Family PIPRIDÆ.

## Sub-Family PIPRINÆ.

### Genus **MACHÆROPTERUS**, *Bp.*

### **Machæropterus regulus** (*Hahn & Küster*).

(Plate VI. fig. 1.)

Machæropterus regulus, *Scl. Cat. Birds B. M.* xiv. p. 304 (1888); *Sharpe, Hand-l.* iii. p. 156 (1901).

An egg of the Striped Manikin in the Collection is of a blunt oval form, devoid of gloss, and cream-coloured, streaked and mottled with pale umber-brown and lavender. It measures ·7 by ·52.

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|---|---|---|
| 1. | Rio Janeiro. | Alexander Fry, Esq. [P.]. |

### Genus **CHIROXIPHIA**, *Cab.*

### **Chiroxiphia caudata** (*Shaw*).

(Plate VI. fig. 3.)

Pipra caudata, *Euler, J. f. O.* 1867, p. 223.
Chiroxiphia caudata, *Scl. Cat. Birds B. M.* xiv. p. 310 (1888); *id. & Huds. Argent. Orn.* i. p. 161 (1888); *Nehrk. Kat. Eiersamml.* p. 144 (1899); *von Ihering, Rev. Mus. Paulista,* iv. p. 238 (1900); *Sharpe, Hand-l.* iii. p. 156 (1901).

An egg of the Long-tailed Manikin is of a narrow oval shape, devoid of gloss, and of a light ochre-colour, streaked and blotched, chiefly round the broad end, with brown and lavender. It measures 1 by ·65.

| | | |
|---|---|---|
| 1. | Iguapé, Brazil, 23rd Nov. | Crowley Bequest. |

## Genus **MANACUS**, *Briss.*

### Manacus manacus (*Linn.*).

Chiromachæris manacus, *Scl. & Salv. P. Z. S.* 1879, p. 517, pl. xlii. fig. 11; *Scl. Cat. Birds B. M.* xiv. p. 313 (1888); *Nehrk. Kat. Eiersamml.* p. 144, taf. iv. fig. 38 (1899); *von Ihering, Rev. Mus. Paulista,* iv. p. 238 (1900).
Manacus manacus, *Sharpe, Hand-l.* iii. p. 157 (1901).

The eggs of the White-bellied Manikin in the Collection are of a blunt oval form and exhibit no gloss. They are of a light ochre-colour, marked all over with streaks and blotches of umber-brown and lavender, the markings being confluent and forming a zone round the broad end. They measure respectively: ·81 by ·57; ·76 by ·57.

| | | |
|---|---|---|
| 2. | Remedios, Antioquia, U.S. Colombia (*T. K. Salmon*). | Salvin-Godman Coll. |

### Manacus gutturosus (*Desm.*).

(Plate VI. fig. 2.)

Pipra manacus (*nec Linn.*), *Euler, J. f. O.* 1867, p. 223.
Chiromachæris gutturosa, *Scl. Cat. Birds B. M.* xiv. p. 313 (1888); *von Ihering, Rev. Mus. Paulista,* iv. p. 238 (1900).
Manacus gutturosus, *Sharpe, Hand-l.* iii. p. 158 (1901).

The eggs of the Black-headed Manikin in the Collection resemble those of *Machæropterus regulus* and *Manacus manacus* very closely in coloration. They measure respectively: ·82 by ·6; ·8 by ·6; ·8 by ·6.

| | | |
|---|---|---|
| 2. | Rio Janeiro. | Alexander Fry, Esq. [P.]. |
| 1. | Iguapé, Brazil, 14th Nov. | Crowley Bequest. |

### Manacus vitellinus (*Gould*).

Chiromachæris vitellina, *Scl. & Salv. P. Z. S.* p. 517, pl. xlii. fig. 10; *Scl. Cat. Birds B. M.* xiv. p. 315 (1888); *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 114 (1890).
Manacus vitellinus, *Sharpe, Hand-l.* iii. p. 158 (1901).

The eggs of the Yellow-throated Manikin in the Collection are of the same character as those of *M. manacus*. Two are cream-coloured, marked with confluent streaks of umber-brown and lavender, chiefly round the broad end. The other two are of a light ochre-colour, densely smeared over the broader half with umber-brown, pale brown, and lavender. They measure respectively: ·79 by ·6; ·86 by ·6; ·87 by ·61; ·83 by ·61.

| | | |
|---|---|---|
| 2. | Remedios, Antioquia, U.S. Colombia (*T. K. Salmon*). | Salvin-Godman Coll. |
| 2. | U.S. Colombia. | Crowley Bequest. |

# Family COTINGIDÆ.

## Sub-Family TITYRINÆ.

### Genus **TITYRA**, *Vieill.*

### **Tityra semifasciata** (*Spix*).

Tityra personata, *Scl. & Salv. P. Z. S.* 1879, p. 517.
Tityra semifasciata, *Scl. Cat. Birds B. M.* xiv. p. 330 (1888); *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 118 (1890); *Sharpe, Hand-l.* iii. p. 161 (1901).

The eggs of the Masked Becard are elliptical in shape, moderately glossy, and plain white. Two examples measure respectively: ·95 by ·77; 1·01 by ·77.

2. Remedios, Antioquia, U.S. Colombia (*T. K. Salmon*). Salvin-Godman Coll.

### Genus **PLATYPSARIS**, *Scl.*

### **Platypsaris atricapillus** (*Vieill.*).

(Plate VI. figs. 6 & 7.)

Hadrostomus atricapillus, *Scl. Cat. Birds B. M.* xiv. p. 333 (1888); *Nehrk. Kat. Eiersamml.* p. 144 (1899); *von Ihering, Rev. Mus. Paulista,* iv. p. 239 (1900).
Platypsaris atricapillus, *Sharpe, Hand-l.* iii. p. 163 (1901).

The eggs of the Black-headed Becard in the Collection are of a blunt oval form and exhibit no gloss. One is cream-coloured, blotched chiefly at the broad end with pale ochre and lavender. The other is similarly marked with lilac-grey and lavender on a white ground. They measure respectively: 1·03 by ·72; 1 by ·76.

2. Iguapé, Brazil, 20th Oct. Crowley Bequest.

### **Platypsaris homochrous** (*Scl.*).

Hadrostomus homochrous, *Scl. & Salv. P. Z. S.* 1879, p. 517, pl. xlii. fig. 12; *Scl. Cat. Birds B. M.* xiv. p. 334 (1888); *Salv. & Godm. Biol. Centr.-Amer., Aves,* ii. p. 124 (1890).
Platypsaris homochrous, *Sharpe, Hand-l.* iii. p. 163 (1901).

An egg of Sclater's Becard is of a regular oval form, devoid of gloss, and of a pinkish buff-colour, marked with a zone of small specks and indistinct lines of pale rufous round the broad end. It measures ·9 by ·63.

1. Remedios, Antioquia, U.S. Colombia (*T. K. Salmon*). Salvin-Godman Coll.

### **Platypsaris albiventris**, *Lawr.*

(Plate VI. fig. 4.)

Hadrostomus albiventris, *Scl. Cat. Birds B. M.* xiv. p. 335 (1888); *Nehrk. Kat. Eiersamml.* p. 144 (1899).
Platypsaris albiventris, *Sharpe, Hand-l.* iii. p. 163 (1901).

The eggs of Xantus's Becard in the Collection are of a somewhat pointed oval shape, and exhibit a slight amount of gloss. They are of a pinkish-buff colour, marked chiefly about the broad end with rich umber-brown. In one specimen the markings consist of confluent streaks and blotches; in the other they form a dense cap. They measure respectively: ·88 by ·64; ·88 by ·63.

| | | |
|---|---|---|
| 2. | Mazatlan, Mexico (*A. Forrer*). | Crowley Bequest. |

### **Platypsaris aglaiæ** (*Lafr.*).

(Plate VI. figs. 9 & 10.)

Pachyrhamphus aglaiæ, *Owen, Ibis,* 1861, p. 64, pl. ii. fig. 4.
Hadrostomus aglaiæ, *Scl. Cat. Birds B. M.* xiv. p. 335 (1888); *Salv. & Godm. Centr.-Amer., Aves,* ii. p. 121 (1890); *Nehrk. Kat. Eiersamml.* p. 144 (1899).
Platypsaris aglaiæ, *Sharpe, Hand-l.* iii. p. 163 (1901)

The eggs of the Rose-throated Becard in the Collection vary from a narrow to a broad oval shape, are devoid of gloss, and are of three types of coloration. Those of one type resemble the egg described and figured by Owen (*l. c.*), which is cream-coloured, densely marked with lines, scrawls, and spots of purplish-pink and clouds of lilac. Of a second type are eggs of a pinkish-buff ground-colour, marked, chiefly at the broad end, with blotches, scrawls, and spots of umber-brown and purplish grey. Eggs of the third type are of a pale creamy-buff colour, sparingly spotted all over with pale greyish brown. Specimens measure from ·91 to ·96 in length, and from ·65 to ·7 in breadth.

| | | |
|---|---|---|
| 1. | Valladolid, Yucatan (*Gaumer*). | Gould Coll. |
| 4. | Yucatan. | Crowley Bequest. |
| 2. | San Geronimo, Guatemala, 15th May (*R. Owen*). | Salvin-Godman Coll. |

## Genus **PACHYRHAMPHUS**, *Gray.*

### **Pachyrhamphus viridis** (*Vieill.*).

(Plate VI. fig. 5.)

Pachyrhamphus viridis, *Scl. Cat. Birds B. M.* xiv. p. 338 (1888); *Nehrk. Kat. Eiersamml.* p. 144 (1899); *von Ihering, Rev. Mus. Paulista,* iv. p. 239 (1900); *Sharpe, Hand-l.* iii. p. 164 (1901).

An egg of Vieillot's Becard is of an ordinary oval shape and devoid of gloss. It is of a pale buff-colour, densely smeared and streaked with umber-brown and lavender. It measures ·88 by ·64.

| | |
|---|---|
| 1. Iguapé, Brazil, Sept. | Crowley Bequest. |

### **Pachyrhamphus rufus** (*Bodd.*).

(Plate VI. fig. 8.)

Pachyrhamphus rufus, *Scl. Cat. Birds B. M.* xiv. p. 343 (1888); *Sharpe, Hand-l.* iii. p. 165 (1901).

Two eggs of the Chestnut Becard are of a blunt oval shape, and exhibit a small amount of gloss. They are white, marked with spots and small blotches of rich purplish-red, lilac, and dark brown or black. They measure respectively: ·9 by ·65; ·95 by ·7.

| | |
|---|---|
| 2. Rio Janeiro. | Alexander Fry, Esq. [P.]. |

## Sub-Family RUPICOLINÆ.

### Genus **RUPICOLA**, *Briss.*

### **Rupicola rupicola** (*Linn.*).

(Plate VI. fig. 18.)

Rupicola crocea, *Scl. Cat. Birds B. M.* xiv. p. 369 (1888); *Lloyd, Ibis,* 1896, p. 429; *von Ihering, Rev. Mus. Paulista,* iv. p. 240 (1900).
Rupicola rupicola, *Sharpe, Hand-l.* iii. p. 171 (1901).

An egg of the Demerara Cock-of-the-Rock from the Tristram Collection differs considerably from those of the next species. It is of an elliptical shape, almost devoid of all gloss, and of a creamy-buff colour, thickly marked with lines, scrawls, spots, and small blotches of dark brown, pale umber, and dark lavender. It measures 1·8 by 1·32.

| | |
|---|---|
| 1. [Brazil (*Tristram Coll.*).] | Crowley Bequest. |

### **Rupicola sanguinolenta**, *Gould.*

(Plate VI. fig. 19.)

Rupicola sanguinolenta, *Scl. & Salv. P. Z. S.* 1879, p. 519; *Scl. Cat. Birds B. M.* xiv. p. 371 (1888); *Nehrk. Kat. Eiersamml.* p. 145 (1899); *Sharpe, Hand-l.* iii. p. 171 (1901).

The eggs of the Colombian Cock-of-the-Rock are of a broad oval shape, and exhibit a moderate amount of gloss. They are of a pale buff-colour, spotted and blotched, chiefly at the broad end, with dark umber-brown, deep grey, and lavender. Three examples measure respectively: 1·75 by 1·34; 1·85 by 1·3; 1·87 by 1·21.

| | | |
|---|---|---|
| 2. | Frontino, Antioquia, U.S. Colombia (*T. K. Salmon*). | Crowley Bequest. |
| 1. | Antioquia. | Crowley Bequest. |

## Sub-Family COTINGINÆ.

### Genus **PHIBALURA**, *Vieill.*

### **Phibalura flavirostris**, *Vieill.*

(Plate VI. fig. 11.)

Phibalura flavirostris, *Scl. Cat. Birds B. M.* xiv. p. 372 (1888); *Goëldi, Ibis*, 1894, p. 484, fig. 1; *von Ihering, Rev. Mus. Paulista*, iv. p. 240 (1900); *Sharpe, Hand-l.* iii. p. 171 (1901).

The eggs of the Crested Shortbill presented by Dr. Goëldi approach the spheroidal in shape and are quite devoid of all gloss. They are of a pale green colour, spotted and blotched, chiefly on the broader half, with very dark brown or black, deep grey, and lavender. They measure respectively: ·9 by ·75; ·9 by ·72.

| | | |
|---|---|---|
| 2. | Colonia Alpina, Rio Janeiro, 17th Nov. | Dr. E. A. Goëldi [P.]. |

### Genus **PIPREOLA**, *Swains.*

### **Pipreola riefferi** (*Boiss.*).

Pipreola riefferi, *Scl. & Salv. P. Z. S.* 1879, p. 519, pl. xliii. fig. 8; *Scl. Cat. Birds B. M.* xiv. p. 377 (1888); *Sharpe, Hand-l.* iii. p. 172 (1901).

The eggs of Rieffer's Pipreole are of a regular oval shape, and exhibit a moderate amount of gloss. They are of a white or pinkish cream-colour, sparingly marked with small round spots of rich purplish red. On one of the examples in the Collection there is, in addition to the small spots, a large blotch which is blurred at the edges and runs into the surrounding ground-colour Five specimens measure respectively: ·99 by ·8; 1·06 by ·8; 1 by ·74; 1·04 by ·72; 1·07 by ·8.

| | | |
|---|---|---|
| 2. | Santa Elena, Antioquia, U.S. Colombia (*T. K. Salmon*). | Salvin-Godman Coll. |
| 2. | Antioquia (*T. K. S.*). | Salvin-Godman Coll. |
| 1. | U.S. Colombia. | Crowley Bequest. |

## Sub-Family GYMNODERINÆ.

### Genus **PYRODERUS**, *Gray.*

### **Pyroderus granadensis** (*Lafr.*).

Pyroderus granadensis, *Scl. Cat. Birds B. M.* xiv. p. 398 (1888); *Sharpe, Hand-l.* iii. p. 176 (1901).

An egg of the Colombian Fruit-Crow in the Collection resembles those of *Rupicola sanguinolenta.* It measures 1·83 by 1·31.

| | | |
|---|---|---|
| 1. | U.S. Colombia. | Crowley Bequest. |

### **Pyroderus orenocensis** (*Lafr.*).

Pyroderus orenocensis, *Scl. & Salv. P. Z. S.* 1879, p. 520, pl. xliii. fig. 7; *Scl. Cat. Birds B. M.* xiv. p. 398 (1888); *Nehrk. Kat. Eiersamml.* p. 145 (1899); *Sharpe, Hand-l.* iii. p. 177 (1901).

The eggs of the Orinoco Fruit-Crow are inseparable from those of *P. granadensis* and *Rupicola sanguinolenta.* Two examples measure respectively: 1·87 by 1·3; 1·8 by 1·3.

| | | |
|---|---|---|
| 2. | Frontino, Antioquia, U.S. Colombia (*T. K. Salmon*). | Salvin-Godman Coll. |

## Family PHYTOTOMIDÆ.

### Genus **PHYTOTOMA**, *Molina.*

### **Phytotoma rara**, *Molina.*

(Plate VI. fig. 13.)

Phytotoma rara, *Scl. Cat. Birds B. M.* xiv. p. 403 (1888); *James, New List Chilian Birds*, p. 3 (1892); *Lane, Ibis*, 1897, p. 35; *Nehrk. Kat. Eiersamml.* p. 145 (1899); *Sharpe, Hand-l.* iii. p. 178 (1901).

The eggs of the Chilian Plant-cutter are of a pointed oval form and very glossy. They are of a greenish-blue colour, speckled and spotted, chiefly at the broad end, with very dark chocolate-brown or black, and occasionally with lilac also. They measure from ·95 to 1·12 in length, and from ·7 to ·76 in breadth.

| | | |
|---|---|---|
| 2. | Central Chile, Oct. | Berkeley James Coll. |
| 3. | Central Chile, Oct. | Berkeley James Coll. |
| 2. | Central Chile, Oct. | Berkeley James Coll. |
| 3. | Central Chile, Oct. | Berkeley James Coll. |
| 3. | Central Chile, Jan. | Berkeley James Coll. |
| 3. | Central Chile (*Landbeck*). | Berkeley James Coll. |
| 1. | Chile (*Tristram Coll.*). | Crowley Bequest. |
| 5. | Rio Bueno, Valdivia, Chile, 25th Dec. | Crowley Bequest. |

### **Phytotoma rutila**, *Vieill.*

(Plate VI. fig. 12.)

Phytotoma rutila, *Scl. Cat. Birds B. M.* xiv. p. 407 (1888); *id. & Huds. Argent. Orn.* i. p. 164 (1888); *Sharpe, Hand-l.* iii. p. 178 (1901).

The eggs of the Red-breasted Plant-cutter are of a blunt oval form, and exhibit a slight gloss. They are of an olive-grey or pale olive-green colour, spotted, chiefly at the broad end, with umber or deep purplish brown, pale brown, and lavender. Four examples measure respectively: ·83 by ·68; ·87 by ·65; ·96 by ·68; ·94 by ·68.

| | | |
|---|---|---|
| 2. | Argentine Republic, 8th Sept. | Crowley Bequest. |
| 2. | Esperanza, Argentine Republic. | Crowley Bequest. |

## Family PITTIDÆ.

The eggs of the Pittas vary from a broad blunt oval to a spheroidal shape. They are double-spotted, and in most cases exhibit a large amount of gloss.

### Genus **ANTHOCINCLA**, *Blyth.*

### **Anthocincla phayrei**, *Blyth.*

(Plate VI. fig. 14.)

Anthocincla phayrii, *Scl. Cat. Birds B. M.* xiv. p. 413 (1888); *Oates, Fauna Brit. Ind., Birds,* ii. p. 387 (1890); *Oates ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 279 (1890); *Sharpe, Hand-l.* iii. p. 179 (1901).

The eggs of Phayre's Pitta are white, marked with specks and small spots of black and lavender, more densely at the broad end than elsewhere. Four examples measure respectively: 1·1 by ·88; 1·09 by ·85; 1·08 by ·85; 1·1 by ·86.

| | | |
|---|---|---|
| 4. | Thoungyin Valley, Tenasserim, 21st April (*C. T. Bingham*). | Hume Coll. |

### Genus **HYDRORNIS**, *Blyth.*

### **Hydrornis nipalensis** (*Hodgs.*).

(Plate VI. fig. 15.)

Pitta nipalensis, *Scl. Cat. Birds B. M.* xiv. p. 414 (1888); *Oates, Fauna Brit. Ind., Birds,* ii. p. 389 (1890); *Oates ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 281 (1890); *Nehrk. Kat. Eiersamml.* p. 145 (1899).
Hydrornis nipalensis, *Sharpe, Hand-l.* iii. p. 179 (1901).

The eggs of the Blue-naped Pitta are of a creamy-white colour, marked with specks, spots, and, sometimes, small blotches of grey and two or more shades of brown. The markings are set more densely at the broad end than elsewhere. Specimens measure from 1·1 to 1·2 in length, and from ·88 to ·98 in breadth.

| | | |
|---|---|---|
| 5. | Sikhim, 5000 feet, 10th June (*J. Gammie*). | Hume Coll. |
| 2. | Sikhim, 5000 feet, 19th May (*J. G.*). | Hume Coll. |
| 2. | Sikhim, 4000 feet, 21st May (*J. G.*). | Hume Coll. |
| 2. | Sikhim, 19th May. | Crowley Bequest. |
| 2. | Sikhim. | Crowley Bequest. |
| 4. | Darjiling, Sikhim (*J. Gammie*). | Hume Coll. |
| 3. | Sadiya, Assam, 14th May. | Hume Coll. |
| 2. | N. Cachar Hills. | W. Radcliffe Saunders, Esq. [P.]. |

## Genus **PITTA**, *Vieill.*

### **Pitta cyanea**, *Blyth.*

Pitta cyanea, *Scl. Cat. Birds B. M.* xiv. p. 417 (1888); *Oates, Fauna Brit. Ind., Birds,* ii. p. 391 (1890); *id. ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 282 (1890); *Sharpe, Hand-l.* iii. p. 179 (1901).

The eggs of the Blue Pitta are creamy-white, pretty densely marked with spots, streaks, and fine angular lines of dark purplish-brown or black and grey. On some specimens the markings are very coarse, on others very delicate and fine. Specimens measure from 1·05 to 1·09 in length, and from ·82 to ·86 in breadth.

| | | |
|---|---|---|
| 4. | Kaukarit, Tenasserim, 23rd May (*C. T. Bingham*). | Hume Coll. |
| 5. | Kaukarit, 26th May (*C. T. B.*). | Hume Coll. |

### **Pitta cyanoptera**, *Temm.*

(Plate VI. fig. 16.)

Pitta moluccensis, *Oates, Birds Brit. Burmah,* i. p. 415 (1883).
Pitta cyanoptera, *Scl. Cat. Birds B. M.* xiv. p. 420 (1888); *Oates, Fauna Brit. Ind., Birds,* ii. p. 392 (1890); *id. ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 283 (1890); *Nehrk. Kat. Eiersamml.* p. 146 (1899); *Sharpe, Hand-l.* iii. p. 180 (1901).

The eggs of the Lesser Blue-winged Pitta are of two very distinct types. In one, they are creamy-white, thickly marked with spots, blotches, streaks, and occasional lines of purplish brown and grey. In the second (a specimen of which is figured), they are very beautifully clouded with lilac-grey and marked with fine lines and scrawls of purple. Examples measure from ·95 to 1·15 in length, and from ·78 to ·9 in breadth.

| | | |
|---|---|---|
| 2. | Pegu, 11th June (*E. W. Oates*). | Oates Coll. |
| 2. | Pegu, 11th June (*E. W. O.*). | Crowley Bequest. |

| | | |
|---|---|---|
| 2. | Pegu, 27th June (*E. W. O.*). | Hume Coll. |
| 2. | Pegu, 27th June (*E. W. O.*). | Crowley Bequest. |
| 4. | Amherst, Tenasserim, 15th July (*W. Davison*). | Hume Coll. |
| 3. | Pynekyun, Tenasserim, 2nd May (*C. T. Bingham*). | Hume Coll. |
| 3. | Moulmein, Tenasserim, 9th May (*C. T. B.*). | Hume Coll. |
| 4. | Kaukarit, Tenasserim, 25th May (*C. T. B.*). | Hume Coll. |

### **Pitta megarhyncha,** *Schl.*

Pitta megarhyncha, *Scl. Cat. Birds B. M.* xiv. p. 421 (1888); *Oates, Fauna Brit. Ind., Birds,* ii. p. 393 (1890); *Oates ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 285 (1890); *Sharpe, Hand-l.* iii. p. 180 (1901).

A single egg of the Larger Blue-winged Pitta in the Collection is very imperfect, but appears to be similar to the eggs of *P. cyanoptera* of the first type described above, and of about the same size.

| | | |
|---|---|---|
| 1. | Tongkah Island, Malay Peninsula, 17th April (*J. Darling*). | Hume Coll. |

### **Pitta brachyura** (*Linn.*).

Pitta brachyura, *Scl. Cat. Birds B. M.* xiv. p. 423 (1888); *Oates, Fauna Brit. Ind., Birds,* ii. p. 393 (1890); *id. ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 285 (1890); *Nehrk. Kat. Eiersamml.* p. 146 (1899); *Sharpe, Hand-l.* iii. p. 180 (1901).

The eggs of the Indian Pitta are of a china-white, marked with spots and small blotches of dark brown or black, brownish red, umber-brown, and lavender. On some specimens there are also some hair-like lines and scrawls. Examples measure from ·96 to 1·07 in length, and from ·8 to ·9 in breadth.

| | | |
|---|---|---|
| 6. | Raipur, Central Provinces, India (*F. R. Blewitt*). | Hume Coll. |
| 7. | Raipur, June (*F. R. B.*). | Hume Coll. |
| 28. | Raipur, July (*F. R. B.*). | Hume Coll. |
| 1. | Raipur, May (*Tristram Coll.*). | Crowley Bequest. |
| 1. | Raipur, 7th June. | Crowley Bequest. |

### **Pitta strepitans,** *Temm.*

Pitta strepitans, *Gould, Handb. Birds Austr.* i. p. 430 (1865); *Ramsay, Ibis,* 1867, p. 414, pl. viii. fig. 2; *Scl. Cat. Birds B. M.* xiv. p. 428 (1888); *North, Nests & Eggs Austr. Birds,* p. 172, pl. xi. fig. 7 (1889); *Nehrk. Kat. Eiersamml.* p. 146 (1899); *Campbell, Nests & Eggs Austr. Birds,* ii. p. 525, pl. 16 (1901); *Sharpe, Hand-l.* iii. p. 181 (1901).

The eggs of the Noisy Pitta are variable in coloration and size, some resembling those of *Hydrornis nipalensis*, and others those of *Pitta cyanea*. They measure from 1·05 to 1·3 in length, and from ·93 to 1·02 in breadth.

| | | |
|---|---|---|
| 3. | Cape York, N. Australia. | Gould Coll. |
| 3. | Cape York. | Crowley Bequest. |
| 4. | N. Australia (*Cockerell*). | Gould Coll. |
| 2. | Australia. | Salvin-Godman Coll. |

### **Pitta mackloti**, *Temm.*

Pitta mackloti, *Scl. Cat. Birds B. M.* xiv. p. 436 (1888); *North, Nests & Eggs Austr. Birds*, p. 174, pl. xi. fig. 9 (1889); *Nehrk. Kat. Eiersamml.* p. 146 (1899); *Campbell, Nests & Eggs Austr. Birds*, ii. p. 528 (1901); *Sharpe, Hand-l.* iii. p. 183 (1901).

The eggs of the Blue-breasted Pitta bear a close resemblance to those of *P. cyanoptera* of the first type. They measure from 1·05 to 1·12 in length, and from ·85 to ·92 in breadth.

| | | |
|---|---|---|
| 3. | Cape York, N. Australia. | Gould Coll. |
| 4. | Cape York. | Gould Coll. |

### **Pitta finschi**, *Ramsay.*

Pitta finschi, *Ramsay, Proc. Linn. Soc. N.S.W.* ix. p. 864 (1884); *Sharpe, Hand-l.* iii. p. 183 (1901).

One of the eggs of Finsch's Pitta in the Collection is white, marked all over with coarse and well-defined blotches of pale brown and lavender. The other is creamy-white, densely streaked and mottled with pale brown and lavender. Both are devoid of gloss, nd they measure respectively: 1·13 by ·92; 1·09 by ·82.

| | | |
|---|---|---|
| 2. | Fergusson Island, New Guinea (*A. S. Meek*). | Crowley Bequest. |

### **Pitta atricapilla**, *Less.*

Pitta atricapilla, *Scl. Cat. Birds B. M.* xiv. p. 438 (1888); *Sharpe, Ibis*, 1894, p. 256; *Grant & Whitehead, Ibis*, 1898, p. 245; *Nehrk. Kat. Eiersamml.* p. 146 (1899); *Sharpe, Hand-l.* iii. p. 183 (1901).

The eggs of the Black-headed Pitta in the Collection are white, marked with brown and lavender. In one specimen the markings consist entirely of specks; in two others of both specks and coarse spots. They measure respectively: 1 by ·82; 1·09 by ·83; 1·1 by ·84.

| | | |
|---|---|---|
| 1. | Samar, Philippine Islands, 30th June. | J. Whitehead, Esq. [P.]. |
| 2. | Tawi-tawi Island, Sulu Archipelago (*A. H. Everett*). | Crowley Bequest. |

### Pitta müllери, *Bp.*

(Plate VI. fig. 17.)

Pitta muelleri, *Sharpe, P. Z. S.* 1879, p. 346; *Scl. Cat. Birds B. M.* xiv. p. 439 (1888); *Sharpe, Ibis,* 1889, p. 443; *Hose, Ibis,* 1893, p. 404; *Nehrk. Kat. Eiersamml.* p. 146 (1899); *Sharpe, Hand-l.* iii. p. 183 (1901).

The eggs of Müller's Pitta resemble these of *P. cyanoptera* of the first type described. They measure from ·92 to 1·03 in length, and from ·79 to ·81 in breadth.

| | |
|---|---|
| 5. Labuan, Borneo. | Sir Hugh Low [C.]. |
| 4. Labuan. | Dr. Bowdler Sharpe [P.]. |
| 3. Labuan (*Sir Hugh Low*). | Crowley Bequest. |
| 2. Labuan, Dec. (*J. Whitehead*). | Crowley Bequest. |
| 3. Baram, Sarawak, 14th May. | Dr. Charles Hose [P.]. |

### Pitta cucullata, *Hartl.*

Pitta cucullata, *Scl. Cat. Birds B. M.* xiv. p. 442 (1888); *Oates, Fauna Brit. Ind., Birds,* ii. p. 395 (1890); *id. ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 286 (1890); *Nehrk. Kat. Eiersamml.* p. 147 (1899); *Sharpe, Hand-l.* iii. p. 184 (1901).

The eggs of the Green-breasted Pitta resemble those of *P. cyanea* very closely, and require no separate description. They measure from 1 to 1·1 in length, and from ·82 to ·86 in breadth.

| | |
|---|---|
| 2. Dibrughar, Assam, 23rd June. | Hume Coll. |
| 2. Sadiya, Assam, 18th May. | Hume Coll. |
| 2. Sylhet, 25th May (*J. R. Cripps*). | Hume Coll. |
| 3. Amherst, Tenasserim, 12th July (*W. Davison*). | Hume Coll. |

## Genus **EUCICHLA**, *Cab. & Heine.*

### Eucichla cyanura (*Bodd.*).

Eucichla cyanura, *Scl. Cat. Birds B. M.* xiv. p. 445 (1888); *Nehrk. Kat. Eiersamml.* p. 147 (1899); *Sharpe, Hand-l.* iii. p. 184 (1901).

Two eggs of the Blue-tailed Pitta in the Collection are white, sparingly spotted on the broader half with dark slaty-brown and lavender. They measure respectively: 1·15 by ·8; 1·1 by ·85.

| | |
|---|---|
| 2. Java. | Crowley Bequest. |

# Family PHILEPITTIDÆ.

## Genus **PHILEPITTA**, *Geoffr.*

### **Philepitta jala** (*Bodd.*)

Philepitta castanea, *Milne-Edwards & Grandidier, Hist. Nat. Madag., Ois.* p. 296, pl. 302. fig. 14 (1879).
Philepitta jala, *Scl. Cat. Birds B. M.* xiv. p. 410 (1888); *Sibree, Ibis,* 1891, p. 442; *Nehrk. Kat. Eiersamml.* p. 145 (1899); *Sharpe, Hand-l.* iii. p. 185 (1901).

An egg of Boddaert's Philepitta is of a very narrow oval shape, slightly rough in texture, moderately glossy, and pure white. It measures 1·1 by ·72.

1. Madagascar (*Tristram Coll.*). Crowley Bequest.

## Sub-Order *ACROMYODI.*

## PASSERES NORMALES.

# Family HIRUNDINIDÆ.

The eggs of the Swallows are either plain white or spotted with rufous.

## Genus **CHELIDONARIA**, *Reichenow.*

The eggs of the House-Martins are generally of a regular oval shape, moderately glossy, and plain white.

### **Chelidonaria urbica** (*Linn.*).

Hirundo urbica, *Thien. Fortpflanz. ges. Vög.* tab. xlii. fig. 3, *a, b, c* (1845–54); *Hewitson, Eggs of Brit. Birds,* i. p. 261, pl. lxv. fig. ii (1856); *Seebohm, Brit. Birds,* ii. p. 178, pl. 17 (1884); *id. Eggs of Brit. Birds,* p. 269, pl. 58 A. fig. 19 (1896).
Chelidon urbica, *Baedeker, Eier Eur. Vög.* tab. 52. fig. 14 (1855–63); *Dresser, Birds Eur.* iii. p. 495 (1875); *Sharpe, Cat. Birds B. M.* x. p. 87 (1885); *id. & Wyatt, Mon. Hirundinidæ,* i. p. 7 (1885–1894); *Oates ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 177 (1890).
Chelidonaria urbica, *Sharpe, Hand-l.* iii. p. 187 (1901).

The eggs of the House-Martin measure from ·74 to ·85 in length, and from ·52 to ·58 in breadth.

| | | |
|---|---|---|
| 2. | Norfolk. | Salvin-Godman Coll. |
| 4. | Norfolk, 30th June (*F. Norgate*). | Seebohm Coll. |
| 2. | Taunton, Somerset, June (*Hargitt Coll.*). | Seebohm Coll. |
| 1. | Hounsdown, Hants, 7th June (*Hargitt Coll.*). | Seebohm Coll. |
| 2. | London. | Gould Coll. |
| 4. | Churt, Surrey. | Crowley Bequest. |
| 6. | Tilford, Surrey. | Crowley Bequest. |
| 4. | Reval, Baltic Provinces (*Russow*). | Seebohm Coll. |
| 4. | Delphi, Greece, 3rd May (*H. Seebohm & T. Krüper*). | Seebohm Coll. |
| 1. | Mysore, S. India, 1st May (*M. F. Coussmaker*). | Hume Coll. |

### Chelidonaria cashmiriensis (*Gould*).

Chelidon cashmiriensis, *Sharpe, Cat. Birds B. M.* x. p. 90 (1885); *id. & Wyatt, Mon. Hirundinidæ*, i. p. 19 (1885–94).
Chelidon cashmirensis, *La Touche, Ibis*, 1899, p. 430.
Chelidonaria cashmiriensis, *Sharpe, Hand-l.* iii. p. 188 (1901).

Three eggs of the Kashmir House-Martin measure respectively: ·71 by ·51; ·74 by ·52; ·73 by ·52.

| | | |
|---|---|---|
| 3. | Kuatun, Foh-kien, China, 16th May (*J. D. La Touche*). | C. B. Rickett, Esq. [P.]. |

### Chelidonaria dasypus (*Bp.*).

Chelidon dasypus, *Sharpe, Cat. Birds B. M.* x. p. 91 (1885); *id. & Wyatt, Mon. Hirundinidæ*, i. p. 23 (1885–94); *Seebohm, Birds Japan. Emp.* p. 144 (1890); *Nehrk. Kat. Eiersamml.* p. 84 (1899).
Chelidonaria dasypus, *Sharpe, Hand-l.* iii. p. 188 (1901).

The eggs of Blakiston's House-Martin in the Collection measure respectively: ·76 by ·54; ·77 by ·55; ·79 by ·54.

| | | |
|---|---|---|
| 3. | Japan (*H. Pryer*). | Seebohm Coll. |

### Chelidonaria lagopus (*Pall.*).

Chelidon lagopoda, *Seebohm, Ibis*, 1879, p. 17.
Chelidon lagopus, *Sharpe, Cat. Birds B. M.* x. p. 93 (1885); *id. & Wyatt, Mon. Hirundinidæ*, i. p. 25 (1885–94).
Chelidon urbica lagopoda, *Tacz. Faune Orn. Sibér. Orient.* p. 184 (1891).
Chelidonaria lagopus, *Sharpe, Hand-l.* iii. p. 188 (1901).

Three eggs of Pallas's House-Martin measure respectively: ·8 by ·52; ·8 by ·55; ·77 by ·55.

| | | |
|---|---|---|
| 2. | Krasnoyarsk, Siberia, 22nd June (*Kibort*). | Seebohm Coll. |
| 1. | Yenesei River, Lat. 67° N., 4th July (*H. Seebohm*). | Seebohm Coll. |

## Genus **CLIVICOLA**, *T. Forster.*

The eggs of the Sand-Martins are of a somewhat pointed oval shape, nearly devoid of all gloss, and of a plain white.

### **Clivicola riparia** (*Linn.*).

Hirundo riparia, *Thien. Fortpflanz. ges. Vög.* tab. xli. fig. 2, *a*, *b*, *c* (1845–54); *Hewitson, Eggs of Brit. Birds,* i. p. 264, pl. lxv. fig. i (1856); *Seebohm, Brit. Birds,* ii. p. 184, pl. 17 (1884); *id. Eggs of Brit. Birds,* p. 270, pl. 58 A. fig. 18 (1896).
Cotyle riparia, *Baedeker, Eier Eur. Vög.* tab. 52. fig. 15 (1855–63); *Brewer, N. Amer. Ool.* pt. i. p. 105, pl. iv. fig. 49 (1856).
Cotile riparia, *Dresser, Birds Eur.* iii. p. 505 (1874); *Sharpe, Cat. Birds B. M.* x. p. 96 (1885); *id. & Wyatt, Mon. Hirundinidæ,* i. p. 43 (1885–94).
Clivicola riparia, *Sharpe, Hand-l.* iii. p. 189 (1901).

The eggs of the Sand-Martin measure from ·6 to ·76 in length, and from ·46 to ·53 in breadth.

| | | |
|---|---|---|
| 3. | North America (*Smiths. Inst.*). | Salvin-Godman Coll. |
| 2. | North America (*Henshaw Coll.*). | Salvin-Godman Coll. |
| 4. | North America. | Princeton University, N.J. [E.]. |
| 1. | North America (*J. M. Brewer: Tristram Coll.*). | Crowley Bequest. |
| 4. | North America (*D. G. Elliot: Tristram Coll.*). | Crowley Bequest. |
| 3. | Alaska (*Henshaw Coll.*). | Salvin-Godman Coll. |
| 4. | Bangor, Maine, 12th June. | W. Radcliffe Saunders, Esq. [P.]. |
| 4. | Hartford, Connecticut, 2nd June. | W. Radcliffe Saunders, Esq. [P.]. |
| 5. | England. | Salvin-Godman Coll. |
| 9. | Carlisle (*Heysham*). | Gould Coll. |
| 13. | Ashopton, Derbyshire, 4th June (*H. Seebohm*). | Seebohm Coll. |
| 4. | Ringwood, Hants (*C. B. Wharton*). | Seebohm Coll. |
| 4. | New Forest, 25th June (*H. Saunders*). | Seebohm Coll. |
| 13. | Tilford, Surrey. | Crowley Bequest. |
| 4. | Pomerania, June (*T. Holland*). | Seebohm Coll. |
| 6. | Berlin (*T. Holland*). | Seebohm Coll. |
| 4. | Reval, Baltic Provinces (*Russow*). | Seebohm Coll. |
| 6. | Foochow, China, Feb. | C. B. Rickett, Esq. [P.]. |

### **Clivicola shelleyi** (*Sharpe*).

Cotyle riparia, *Shelley, Birds Egypt,* p. 124 (1872).
Cotile shelleyi, *Sharpe, Cat. Birds B. M.* x. p. 100 (1885); *id. & Wyatt, Mon. Hirundinidæ,* i. p. 65 (1885–94).
Clivicola shelleyi, *Sharpe, Hand-l.* iii. p. 189 (1901).

The eggs of the Egyptian Sand-Martin measure from ·6 to ·71 in length, and from ·46 to ·5 in breadth.

| | | |
|---|---|---|
| 7. | Egypt. | Col. E. Larking [P.]. |

## Clivicola cincta (*Bodd.*).

Cotyle cincta, *Sharpe, ed. Layard's Birds S. Afr.* p. 358 (1883).
Cotile cincta, *Sharpe, Cat. Birds B. M.* x. p. 101 (1885).
Clivicola cincta, *Sharpe, Hand-l.* iii. p. 189.

Two eggs of the Brown-collared Sand-Martin measure ·7 by ·5.

| | | |
|---|---|---|
| 2. | Carolina, Transvaal, 24th March. | Capt. W. A. Payn [P.]. |

## Clivicola paludicola (*Vieill.*).

Cotyle paludicola, *Sharpe, ed. Layard's Birds S. Africa,* p. 360 (1875–84).
Cotile paludicola, *Sharpe, Cat. Birds B. M.* x. p. 102 (1885); *Nehrk. Kat. Eiersamml.* p. 85 (1899); *Stark & Sclater, Fauna S. Africa, Birds,* ii. p. 283 (1901).
Clivicola paludicola, *Sharpe, Hand-l.* iii. p. 189 (1901).

The eggs of the South-African Sand-Martin in the Collection measure respectively: ·73 by ·49; ·7 by ·48; ·7 by ·5.

| | | |
|---|---|---|
| 3. | Nels Poort, S. Africa (*E. Atmore: Tristram Coll.*). | Crowley Bequest. |

## Clivicola cowani (*Sharpe*).

Cotyle cowani, *Cowan, Proc. R. Phys. Soc. Edin.* vii. p. 148 (1882).
Cotyle paludicola, *var.* cowani, *Milne-Edwards & Grandidier, Hist. Nat. Madag., Ois.* ii. p. 398 (1885).
Cotile cowani, *Sharpe, Cat. Birds B. M.* x. p. 104 (1885); *id & Wyatt, Mon. Hirundinidæ,* i. p. 79 (1885–94).
Clivicola cowani, *Sharpe, Hand-l.* iii. p. 189 (1901).

Three eggs of Cowan's Sand-Martin measure respectively: ·7 by ·51; ·7 by ·59; ·72 by ·58.

| | | |
|---|---|---|
| 2. | Betsileo, Madagascar. | Rev. W. Deans Cowan [P.]. |
| 2. | Madagascar. | Crowley Bequest. |

## Clivicola sinensis (*J. E. Gray*).

Cotile sinensis, *Sharpe, Cat. Birds B. M.* x. p. 104 (1885); *id. & Wyatt, Mon. Hirundinidæ,* i. p. 81 (1885–94); *Oates, Fauna Brit. Ind., Birds,* ii. p. 273 (1890); *id. ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 178 (1890).
Clivicola sinensis, *Sharpe, Hand-l.* iii. p. 190 (1901).

The eggs of the Indian Sand-Martin measure from ·63 to ·73 in length, and from ·45 to ·53 in breadth.

| | | |
|---|---|---|
| 4. | Sikhim Terai, 13th Oct. | Hume Coll. |
| 3. | Sikhim Terai, 17th Oct. | Hume Coll. |
| 7. | Sikhim Terai, 26th Oct. | Hume Coll. |
| 2. | Sikhim Terai, 14th Nov. | Hume Coll. |
| 2. | Sikhim Terai, 24th Nov. | Hume Coll. |
| 3. | Sikhim Terai, 25th Nov. | Hume Coll. |
| 1. | Delhi, 8th April (*C. T. Bingham*). | Hume Coll. |

| | | |
|---|---|---|
| 1. | N.W. India (*A. A. Anderson: Tristram Coll.*). | Crowley Bequest. |
| 3. | Agra, 1st Feb. | Hume Coll. |
| 1. | Etawah, 12th March. | Hume Coll. |
| 1. | Jumna River, Etawah, 14th Jan. | Hume Coll. |
| 1. | Bharaitch, 17th June. | Hume Coll. |
| 4. | Allahabad, 26th Feb. | Hume Coll. |
| 2. | Chupra, 15th March. | Hume Coll. |
| 3. | Raipur, C. Provinces. | Hume Coll. |
| 3. | Akyab, Burma, 15th Feb. (*E. R. Shopland*). | Crowley Bequest. |

## Genus **PTYONOPROGNE**, *Reichenb.*

The eggs of the Rock-Martins are all of the same type and hardly separable from one another. They are of a somewhat lengthened oval shape, and exhibit a moderate amount of gloss. The ground-colour is white, speckled and spotted, and at times blotched, with brownish red or chestnut and underlying grey or lavender. The markings are almost invariably dense and more or less confluent at the broad end, where they form an irregular zone or imperfect cap.

### **Ptyonoprogne rupestris** (*Scop.*).

Cotile rupestris, *Baedeker, Eier Eur. Vög.* tab. 52. fig. 16 (1855–63); *Dresser, Birds Eur.* iii. p. 513 (1874); *Sharpe, Cat. Birds B. M.* x. p. 109 (1885); *id. & Wyatt, Mon. Hirundinidæ*, i. p. 96 (1885–94).
Hirundo rupestris, *Bree, Birds Eur.* 2nd ed. iv. p. 96, pl. — (1875).
Biblis rupestris, *Sharpe & Wyatt, op. cit.* p. 129.
Ptyonoprogne rupestris, *Sharpe, Hand-l.* iii. p. 190 (1901).

The eggs of the Rock-Martin measure from ·69 to ·83 in length, and from ·52 to ·57 in breadth.

| | | |
|---|---|---|
| 4. | St. Gotthard, Switzerland, 12th June (*T. Holland*). | Seebohm Coll. |
| 2. | Mont Cenis (*T. Krüper*). | Seebohm Coll. |
| 1. | Styria. | Gould Coll. |
| 1. | Styria. | Salvin-Godman Coll. |
| 4. | Parnassus, Greece, 1st June (*T. Krüper*). | Seebohm Coll. |
| 1. | Parnassus, 2nd June (*T. K.*). | Seebohm Coll. |
| 1. | Parnassus, 5th June (*T. K.*). | Seebohm Coll. |
| 1. | Greece (*Tristram Coll.*). | Crowley Bequest. |
| 2. | Smyrna, 4th May (*T. K.*). | Seebohm Coll. |
| 1. | Thebes, Egypt, Feb. (*C. Cavendish Taylor*). | Crowley Bequest. |

### **Ptyonoprogne obsoleta** (*Cab.*).

(Plate VII. fig. 2.)

Cotile obsoleta, *Dresser, Birds Eur.* iii. p. 521 (1875); *Sharpe, Cat. Birds B. M.* x. p. 111 (1885); *id. & Wyatt, Mon. Hirundinidæ*, i. p. 111 (1885–94).

Ptyonoprogne obsoleta, *Oates ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 183, footnote (1890); *Yerbury, Ibis,* 1896, p. 22; *Sharpe, Hand-l.* iii. p. 190 (1901).
Biblis obsoleta, *Sharpe & Wyatt, op. cit.* p. 129.

Five eggs of the Pale Rock-Martin have an average measurement of ·68 by ·48.

| | | |
|---|---|---|
| 2. | Jask, Persian Gulf, 15th March (*E. A. Butler*). | Hume Coll. |
| 3. | Aden, Jan. | Col. J. W. Yerbury [P.]. |

### **Ptyonoprogne fuligula** (*Licht.*).

(Plate VII. fig. 1.)

Cotyle fuligula, *Sharpe, ed. Layard's Birds S. Africa,* p. 360 (1875–84); *Butler, Feilden & Reid, Zool.* 1882, p. 250.
Cotile fuligula, *Sharpe, Cat. Birds B. M.* x. p. 106 (1885); *id. & Wyatt, Mon. Hirundinidæ,* i. p. 115 (1885–94); *Nehrk. Kat. Eiersamml.* p. 85 (1899).
Biblis fuligula, *Sharpe & Wyatt, op. cit.* p. 130.
Ptyonoprogne fuligula, *Sharpe, Hand-l.* iii. p. 190 (1901); *Stark & Sclater, Fauna S. Africa, Birds,* ii. p. 286 (1901).

The eggs of the Rufous-throated Rock-Martin measure from ·8 to ·89 in length, and from ·53 to ·6 in breadth.

| | | |
|---|---|---|
| 2. | South Africa. | E. L. Layard, Esq. [P.]. |
| 3. | Cape Colony (*T. Atmore: Tristram Coll.*). | Crowley Bequest. |
| 1. | Cape of Good Hope (*E. L. Layard: Tristram Coll.*). | Crowley Bequest. |
| 1. | Newcastle, Natal. | Capt. Savile G. Reid [P.]. |

### **Ptyonoprogne concolor** (*Sykes*).

Cotile concolor, *Sharpe, Cat. Birds B. M.* x. p. 108 (1885); *id. & Wyatt, Mon. Hirundinidæ,* i. p. 123 (1885–94); *Barnes, Journ. Bomb. Nat. Hist. Soc.* iv. p. 3 (1889).
Ptyonoprogne concolor, *Barnes, op. cit.* pl. —. fig. 90; *Oates ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 181 (1890); *Sharpe, Hand-l.* iii. p. 191 (1901).
Biblis concolor, *Sharpe & Wyatt, op. cit.* p. 131.

The eggs of the Dusky Rock-Martin measure from ·67 to ·74 in length, and from ·5 to ·56 in breadth.

| | | |
|---|---|---|
| 3. | India. | Hume Coll. |
| 2. | Etawah, N.W. Provinces (*W. E. Brooks: Tristram Coll.*). | Crowley Bequest. |
| 4. | Jhansi, Jan. | Hume Coll. |
| 1. | Jhansi, Jan. | Hume Coll. |
| 1. | Jhansi, April. | Hume Coll. |
| 3. | Jhansi, July. | Hume Coll. |
| 1. | Saugor, C. Provinces. | Hume Coll. |
| 2. | Kotagherry, Nilghiri Hills, 20th April (*Miss Cockburn*). | Hume Coll. |

## Genus **TACHYCINETA**, *Cab.*

The eggs of the Swallows of this genus are of a somewhat pointed oval form, exhibit little or no gloss, and are plain white.

### Tachycineta leucorrhous (*Vieill.*).

Tachycineta leucorrhous, *Sharpe, Cat. Birds B. M.* x. p. 114 (1885); *id. & Wyatt, Mon. Hirundinidæ*, i. p. 143 (1885–94); *Scl. & Huds. Argent. Orn.* i. p. 30 (1888); *Nehrk. Kat. Eiersamml.* p. 85 (1899); *von Ihering, Rev. Mus. Paulista*, iv. p. 206 (1900); *Sharpe, Hand-l.* iii. p. 191 (1901).

Three eggs of the South-American Green Swallow measure respectively: ·7 by ·52; ·79 by ·55; ·81 by ·55.

| | | |
|---|---|---|
| 2. | Argentine Republic. | Crowley Bequest. |
| 1. | South Chile (*Tristram Coll.*). | Crowley Bequest. |

### Tachycineta albilinea (*Lawr.*).

Tachycineta albilinea, *Salv. & Godm. Biol. Centr.-Amer., Aves*, i. p. 235 (1883); *Sharpe, Cat. Birds B. M.* x. p. 115 (1885); *id. & Wyatt, Mon. Hirundinidæ*, i. p. 149 (1885–94); *Sharpe, Hand-l.* iii. p. 191 (1901).

The eggs of the Central-American Green Swallow in the Collection measure respectively: ·67 by ·51; ·7 by ·52.

| | | |
|---|---|---|
| 2. | British Honduras, 5th May (*F. Blancaneaux*). | Salvin-Godman Coll. |

### Tachycineta meyeni (*Bp.*).

Hirundo meyeni, *Dalgleish, Proc. R. Phys. Soc. Edin.* vi. p. 242 (1880–1).
Tachycineta meyeni, *Sharpe, Cat. Birds B. M.* x. p. 116 (1885); *id. & Wyatt, Mon. Hirundinidæ*, i. p. 153 (1885–94); *James, New List Chilian Birds*, p. 2 (1892); *Holland, Ibis*, 1892, p. 196; *Nehrk. Kat. Eiersamml.* p. 85 (1899); *Sharpe, Hand-l.* iii. p. 191 (1901).

The eggs of the Chilian Swallow measure from ·7 to ·82 in length, and from ·52 to ·55 in breadth.

| | | |
|---|---|---|
| 2. | Argentine Republic, 10th Dec. | A. H. Holland, Esq. [C.]. |
| 4. | Argentine Republic, Oct. | A. H. Holland, Esq. [C.]. |
| 2. | Central Chile, Oct. | Berkeley James Coll. |
| 3. | Central Chile (*Landbeck*). | Berkeley James Coll. |
| 3. | Central Chile (*Landbeck*). | Berkeley James Coll. |

### Tachycineta bicolor (*Vieill.*).

Hirundo bicolor, *Brewer, N. Amer. Ool.* pt. i. p. 100, pl. iv. fig. 47 (1856); *Baird, Brewer & Ridgw. N. Amer. Birds*, i. p. 344 (1874).
Tachycineta bicolor, *Salv. & Godm. Biol. Centr.-Amer., Aves*, i. p. 234 (1883); *Sharpe, Cat. Birds B. M.* x. p. 117 (1885); *id. & Wyatt, Mon. Hirundinidæ*, i. p. 155 (1885–94); *Nehrk. Kat. Eiersamml.* p. 85 (1899); *Sharpe, Hand-l.* iii. p. 191 (1901).

The eggs of the White-bellied Swallow measure from ·71 to ·84 in length, and from ·52 to ·55 in breadth.

| | | |
|---|---|---|
| 3. | North America. | Salvin-Godman Coll. |
| 3. | North America (*Tristram Coll.*). | Crowley Bequest. |
| 3. | St. Stephens, New Brunswick (*H. E. Dresser*). | Crowley Bequest. |
| 2. | Massachusetts (*Henshaw Coll.*). | Salvin-Godman Coll. |
| 5. | Massachusetts, 10th June. | W. Radcliffe Saunders, Esq. [P.]. |
| 3. | Madison, Connecticut, 15th June. | Crowley Bequest. |
| 1. | Eastford, Connecticut, 26th May. | Crowley Bequest. |

### **Tachycineta thalassinus** (*Swains.*).

Hirundo thalassina, *Brewer, N. Amer. Ool.* pt. i. p. 102, pl. v. fig. 74 (1856); *Baird, Brewer & Ridgw. N. Amer. Birds*, i. p. 347 (1874).
Tachycineta thalassinus, *Salv. & Godm. Biol. Centr.-Amer., Aves*, i. p. 233 (1883); *Sharpe, Cat. Birds B. M.* x. p. 119 (1885); *id. & Wyatt, Mon. Hirundinidæ*, i. p. 175 (1885–94); *Nehrk. Kat. Eiersamml.* p. 85 (1899); *Sharpe, Hand-l.* iii. p. 192 (1901).

Six eggs of the Violet-and-Green Swallow measure respectively: ·72 by ·53; ·71 by ·5; ·71 by ·49; ·68 by ·5; ·78 by ·59; ·78 by ·58.

| | | |
|---|---|---|
| 1. | North America (*Nehrkorn Coll.*). | Crowley Bequest. |
| 3. | Salem, Oregon, 11th June (*T. H. Jackson*). | Crowley Bequest. |
| 2. | San Diego, California, 15th May. | W. Radcliffe Saunders, Esq. [P.]. |

## Genus **PHEDINA**, *Bp.*

### **Phedina madagascariensis**, *Hartl.*

Phedina borbonica, *var.* madagascariensis, *Milne-Edwards & Grandidier, Hist. Nat. Madag., Ois.* ii. p. 395 (1885).
Phedina madagascariensis, *Sharpe, Cat. Birds B. M.* x. p. 123 (1885); *id. & Wyatt, Mon. Hirundinidæ*, i. p. 205 (1885–94); *Nehrk. Kat. Eiersamml.* p. 85 (1899); *Sharpe, Hand-l.* iii. p. 192 (1901).

The eggs of the Madagascar Striped Swallow are of a white colour, speckled and spotted, more densely at the broad end than elsewhere, with rufous and lavender. The five examples in the Collection vary much in size, measuring from ·78 to ·92 in length, and from ·57 to ·63 in breadth.

| | | |
|---|---|---|
| 3. | Madagascar. | Crowley Bequest. |
| 2. | Madagascar, May (*Tristram Coll.*). | Crowley Bequest. |

## Genus **HIRUNDO**, *Schaeffer.*

The eggs of the true Swallows are usually of a regular oval shape, but sometimes they are somewhat sharply pointed, and they exhibit only a small amount of gloss. They are of two types of coloration, some species laying plain white eggs, while in others the eggs are white or pinkish-white, speckled and spotted with umber-brown, ochre, or reddish brown, and underlying lavender or lilac. The markings consist of specks, spots, and blotches in various combinations, and the most frequent types are shown by the specimens figured (Plate VII. figs. 1–5). The eggs of the different species of Swallows laying the same type of egg (plain or spotted) cannot be separated from each other.

### **Hirundo rustica**, *Linn.*

Hirundo rustica, *Thien. Fortpflanz. ges. Vög.* tab. xlii. fig. 11, *a–e* (1845–54); *Baedeker, Eier Eur. Vög.* tab. 52. fig. 17 (1855–63); *Hewitson, Eggs of Brit. Birds*, i. p. 257, pl. lxv. figs. iii & iv (1856); *Dresser, Birds Eur.* iii. p. 477 (1875); *Seebohm, Brit. Birds*, ii. p. 171, pl. 17 (1884); *Sharpe, Cat. Birds B. M.* x. p. 128 (1885); *id. & Wyatt, Mon. Hirundinidæ*, i. p. 213 (1885–94); *Oates ed. Hume, Nests & Eggs Ind. Birds*, ii. p. 184 (1890); *Seebohm, Eggs of Brit. Birds*, p. 269, pl. 58 A. figs. 17 & 20 (1896); *Sharpe, Hand-l.* iii. p. 192 (1901).

Hirundo cahirica, *Tristram, Ibis*, 1867, p. 361.

The eggs of the Chimney-Swallow are of the spotted type. They measure from ·7 to ·9 in length, and from ·5 to ·58 in breadth.

| | | |
|---|---|---|
| 4. | England. | Gould Coll. |
| 4. | England. | Gould Coll. |
| 4. | England. | Gould Coll. |
| 5. | Sparham, Norfolk, 20th May (*F. Norgate*). | Seebohm Coll. |
| 5. | Sparham, 8th June (*F. N.*). | Seebohm Coll. |
| 5. | Cambridgeshire. | F. Bond, Esq. [P.]. |
| 4. | Cambridgeshire. | F. Bond, Esq. [P.]. |
| 4. | Cambridgeshire. | F. Bond, Esq. [P.]. |
| 5. | Denham, Suffolk, 25th May. | Gould Coll. |
| 5. | Taunton, Somerset, June. | Seebohm Coll. |
| 4. | Hounsdown, Hants, July (*C. B. Wharton: Hargitt Coll.*). | Seebohm Coll. |
| 4. | Hounsdown, July (*C. B. W.: Hargitt Coll.*). | Seebohm Coll. |
| 4. | Finchley, Middlesex (*O. S.*). | Salvin-Godman Coll. |
| 3. | Finchley (*O. S.*). | Salvin-Godman Coll. |
| 5. | Croydon, Surrey, 16th May. | Crowley Bequest. |
| 5. | Churt, Surrey, 11th July. | Crowley Bequest. |
| 5. | Tilford, Surrey. | Crowley Bequest. |
| 4. | Reval, Baltic Provs., June (*Russow*). | Seebohm Coll. |
| 3. | Athens, 1st June (*T. Krüper*). | Seebohm Coll. |
| 4. | Athens, 1st June (*T. K.*). | Seebohm Coll. |
| 4. | Delphi, 5th June (*T. K.*). | Seebohm Coll. |
| 4. | Erzeroum, May. | Zool. Soc. of London. |
| 1. | Palestine (*H. B. Tristram*). | Salvin-Godman Coll. |
| 2. | Palestine, 1st June (*H. B. T.*). | Crowley Bequest. |
| 2. | Bashan, 5th May (*H. B. T.*). | Crowley Bequest. |
| 2. | Cæsarea Philippi, 9th May (*H. B. T.*). | Crowley Bequest. |
| 4. | Cæsarea Philippi, 12th May (*H. B. T.*). | Crowley Bequest. |
| 3. | Jask, Persian Gulf, 25th Feb. (*A. E. Butler*). | Hume Coll. |
| 2. | Jask, 15th March (*A. E. B.*). | Hume Coll. |

| | | |
|---|---|---|
| 3. | Jask, 31st March (*A. E. B.*). | Hume Coll. |
| 1. | Jask, 3rd May (*A. E. B.*). | Hume Coll. |
| 5. | India. | Hume Coll. |
| 1. | Kashmir, 16th May. | Hume Coll. |
| 3. | Sikhim. | Hume Coll. |
| 1. | S. Konkan, India, 28th May (*Vidal*). | Hume Coll. |

### **Hirundo gutturalis**, *Scop.*

Hirundo gutturalis, *Swinhoe, Ibis,* 1860, p. 48; 1863, p. 255; *Sharpe, Cat. Birds B. M.* x. p. 134 (1885); *id. & Wyatt, Mon. Hirundinidæ,* i. p. 241 (1885–94); *Nehrk. Kat. Eiersamml.* p. 85 (1899); *Sharpe, Hand-l.* iii. p. 193 (1901).
Hirundo rustica gutturalis, *Tacz. Fauna Orn. Sibér. Orient.* p. 173 (1891).

The eggs of the Eastern Chimney-Swallow are of the spotted type. They measure from ·7 to ·77 in length, and from ·54 to ·56 in breadth.

| | | |
|---|---|---|
| 4. | Chinkiang, Foh-kien, 19th May. | C. B. Rickett, Esq. [P.]. |
| 3. | Amoy, China (*R. Swinhoe*). | Seebohm Coll. |
| 2. | Amoy (*R. S.*). | Seebohm Coll. |
| 4. | Amoy (*R. S.*). | Seebohm Coll. |
| 3. | Amoy (*R. S.: Tristram Coll.*). | Crowley Bequest. |
| 4. | Yokohama, 11th June. | W. Radcliffe Saunders, Esq. [P.]. |

### **Hirundo savignii**, *Steph.*

(Plate VII. fig. 3.)

Hirundo savignii, *Dresser, Birds Eur.* iii. p. 473 (1875); *Sharpe, Cat. Birds B. M.* x. p. 133 (1885); *id. & Wyatt, Mon. Hirundinidæ,* i. p. 237 (1885–94); *Nehrk. Kat. Eiersamml.* p. 85 (1899); *Sharpe, Hand-l.* iii. p. 193 (1901).
Hirundo rustica, *var.* savignyi, *Bree, Birds Eur.* 2nd ed. iv. p. 85 (1875).

The eggs of the Egyptian Swallow are of the spotted type. Four examples measure respectively: ·8 by ·51; ·77 by ·55; ·7 by ·51; ·72 by ·53.

| | | |
|---|---|---|
| 4. | Egypt, April. | F. L. Griffith, Esq. [P.]. |

### **Hirundo erythrogaster**, *Bodd.*

Hirundo rufa, *Brewer, N. Amer. Ool.* pt. i. p. 91, pl. v. figs. 63–67 (1856).
Hirundo horreorum, *Baird, Brewer & Ridgw. N. Amer. Birds,* i. p. 339 (1874).
Hirundo erythrogaster, *Salv. & Godm. Biol. Centr.-Amer., Aves,* i. p. 232 (1883); *Sharpe, Cat. Birds B. M.* x. p. 137 (1885); *id. & Wyatt, Mon. Hirundinidæ,* i. p. 253 (1885–94); *Nehrk. Kat. Eiersamml.* p. 85 (1899); *Sharpe, Hand-l.* iii. p. 193 (1901).

The eggs of the American Chimney-Swallow are of the spotted type. They measure from ·72 to ·8 in length, and from ·51 to ·56 in breadth.

| | | |
|---|---|---|
| 2. | North America. | Salvin-Godman Coll. |
| 4. | North America (*Henshaw Coll.*). | Salvin-Godman Coll. |
| 4. | North America (*Tristram Coll.*). | Crowley Bequest. |
| 3. | North America. | Crowley Bequest. |
| 4. | British Columbia (*J. K. Lord*). | N. Amer. Bound. Comm. |
| 4. | Rhode Island, 26th May. | W. Radcliffe Saunders, Esq. [P.]. |
| 2. | Princeton (*W. E. D. Scott*). | Princeton University, N.J. [E.]. |

### **Hirundo tahitica**, *Gm.*

(Plate VII. fig. 4.)

Hirundo tahitica, *Sharpe, Cat. Birds B. M.* x. p. 141 (1885); *id. & Wyatt, Mon. Hirundinidæ,* i. p. 275 (1885–94); *Nehrk. Kat. Eiersamml.* p. 85 (1899); *Sharpe, Hand-l.* iii. p. 193 (1901).

An egg of the Pacific Swallow in the Collection is of the spotted type, having a confluent zone of spots round the larger end. It measures ·75 by ·56.

| | | |
|---|---|---|
| 1. | Nomuka-iki, Tonga Islands, 21st Oct. | J. J. Lister, Esq. [P.]. |

### **Hirundo javanica**, *Sparrm.*

Hirundo javanica, *Sharpe, P. Z. S.* 1879, p. 344; *id. Cat. Birds B. M.* x. p. 142 (1885); *id. Ibis,* 1889, p. 430; *id. & Wyatt, Mon. Hirundinidæ,* i. p. 279 (1885–94); *Oates ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 186 (1890); *Sharpe, Hand-l.* iii. p. 194 (1901).

The eggs of the Tropical Swallow are of the spotted type. Those taken in India measure, on the average, ·65 by ·5; those taken in Borneo are large, measuring from ·65 to ·8 in length, and from ·5 to ·54 in breadth.

| | | |
|---|---|---|
| 2. | Nilghiri Hills, S. India. | Hume Coll. |
| 3. | Coonoor, Nilghiri Hills, 23rd March. | Hume Coll. |
| 5. | Labuan, Borneo. | Sir H. Low [C.]. |
| 4. | Labuan. | Sir H. Low [C.]. |
| 3. | Labuan. | Sir H. Low [C.]. |
| 5. | Labuan (*Sir H. Low*). | Crowley Bequest. |
| 1. | Labuan, 30th May (*J. Whitehead*). | Crowley Bequest. |
| 1. | Borneo. | Crowley Bequest. |

### **Hirundo neoxena**, *Gould.*

Hirundo frontalis, *Gould, Handb. Birds Austr.* i. p. 107 (1865).

Hirundo neoxena, *Sharpe, Cat. Birds B. M.* x. p. 144 (1885); *id. & Wyatt, Mon. Hirundinidæ,* i. p. 289 (1885–94); *North, Nests & Eggs Austr. Birds,* p. 30 (1889); *Nehrk. Kat. Eiersamml.* p. 85 (1899); *Campbell, Nests & Eggs Austr. Birds,* i. p. 450, pl. 15 (1901); *Sharpe, Hand-l.* iii. p. 194 (1901).

The eggs of the Australian Swallow are of the spotted type. They measure from ·66 to ·78 in length, and from ·47 to ·55 in breadth.

| | | |
|---|---|---|
| 3. | Australia. | Gould Coll. |
| 2. | West Australia. | Gould Coll. |
| 2. | South Australia (*Wilson*). | Gould Coll. |
| 3. | South Australia. | Gould Coll. |
| 5. | South Australia (*G. F. Angas*). | Gould Coll. |
| 4. | Near Adelaide. | E. S. Moulden, Esq. [P.]. |
| 4. | New South Wales. | Gould Coll. |
| 1. | River Darling, N.S.W. | Gould Coll. |
| 3. | Sydney, N.S.W. (*E. L. Layard: Tristram Coll.*). | Crowley Bequest. |
| 3. | Dobroyde, N.S.W. (*E. P. Ramsay: Tristram Coll.*). | Crowley Bequest. |
| 5. | Albany, N.S.W., 30th Dec. (*A. J. North*). | Crowley Bequest. |
| 5. | Victoria, 12th Sept. (*A. J. N.*). | Crowley Bequest. |
| 4. | Gembrook, Victoria, 2nd Nov. | W. Radcliffe Saunders, Esq. [P.]. |
| 2. | Tasmania. | Gould Coll. |

### **Hirundo albigularis**, *Strickl.*

Hirundo albigularis, *Sharpe, ed. Layard's Birds S. Africa*, p. 364 (1875–84); *Butler, Feilden & Reid, Zool.* 1882, p. 251; *Sharpe, Cat. Birds B. M.* x. p. 146 (1885); *id. & Wyatt, Mon. Hirundinidæ*, i. p. 303 (1885–94); *Sharpe, Hand-l.* iii. p. 194 (1901); *Stark & Sclater, Fauna S. Africa, Birds*, ii. p. 292 (1901).

The eggs of the White-throated Swallow are of the spotted type. Two examples measure respectively: ·79 by ·55; ·77 by ·55.

| | | |
|---|---|---|
| 2. | Newcastle, Natal (*E. A. Butler*). | Crowley Bequest. |

### **Hirundo dimidiata**, *Sundev.*

Hirundo dimidiata, *Sharpe, ed. Layard's Birds S. Africa*, p. 366 (1875–84); *id. Cat. Birds B. M.* x. p. 148 (1885); *id. & Wyatt, Mon. Hirundinidæ*, i. p. 313 (1885–94); *Nehrk. Kat. Eiersamml.* p. 85 (1899); *Sharpe, Hand-l.* iii. p. 195 (1901); *Stark & Sclater, Fauna S. Africa, Birds*, ii. p. 293 (1901).

The eggs of the Pearly-breasted Swallow are of the plain white type. They measure from ·69 to ·72 in length, and from ·5 to ·52 in breadth.

| | | |
|---|---|---|
| 2. | South Africa. | E. L. Layard, Esq. [P.]. |
| 4. | Cape Colony (*T. Atmore: Tristram Coll.*). | Crowley Bequest. |

### **Hirundo smithi**, *Leach.*

Hirundo smithi, *Sharpe, Cat. Birds B. M.* x. p. 150 (1885); *id. & Wyatt, Mon. Hirundinidæ*, i. p. 327 (1885–94); *Oates ed. Hume, Nests & Eggs Ind. Birds*, ii. p. 188 (1890); *Sharpe, Hand-l.* iii. p. 195 (1901).
Hirundo filifera, *Barnes, Journ. Bomb. Nat. Hist. Soc.* iv. p. 1, pl. —. fig. 84 (1889).

The eggs of the Wire-tailed Swallow are of the spotted type. They measure from ·65 to ·8 in length, and from ·5 to 57 in breadth.

| | | |
|---|---|---|
| 6. | India. | Hume Coll. |
| 1. | India, 8th March. | Hume Coll. |
| 1. | India, 20th Aug. | Hume Coll. |
| 1. | India, 1st Sept. | Hume Coll. |
| 1. | Kashmir (*C. R. Cock: Tristram Coll.*). | Crowley Bequest. |
| 1. | Sind (*J. H. Gould*). | Salvin-Godman Coll. |
| 2. | Sambhur, 16th July. | Hume Coll. |
| 1. | Hansi, July. | Hume Coll. |
| 4. | Hansi, 1st July. | Hume Coll. |
| 1. | Hansi, 4th July. | Hume Coll. |
| 5. | Hansi, Aug. | Hume Coll. |
| 1. | Umballa, 18th Aug. | Hume Coll. |
| 1. | Saharunpur, 24th May. | Hume Coll. |
| 1. | Delhi, 27th May (*C. T. Bingham*). | Hume Coll. |
| 1. | Delhi, 12th June. | Hume Coll. |
| 3. | Etawah, 17th March. | Hume Coll. |
| 3. | Mirzapur, 15th March (*W. E. Brooks: Tristram Coll.*). | Crowley Bequest. |
| 2. | Saugor, C. Provinces. | Hume Coll. |
| 2. | Belgaum, Feb. (*E. A. Butler*). | Crowley Bequest. |
| 3. | Nilghiri Hills (*Tristram Coll.*). | Crowley Bequest. |

### Hirundo cucullata, *Bodd.*

Hirundo cucullata, *Sharpe, ed. Layard's Birds S. Africa*, p. 370 (1875–84); *id. Cat. Birds B. M.* x. p. 152 (1885); *id. & Wyatt, Mon. Hirundinidæ*, i. p. 337 (1885–94); *Nehrk. Kat. Eiersamml.* p. 86 (1899); *Sharpe, Hand-l.* iii. p. 196 (1901); *Stark & Sclater, Fauna S. Africa, Birds*, ii. p. 298 (1901).

The eggs of the Large Rufous-headed Swallow are of the plain white type. They measure from ·78 to ·9 in length, and from ·53 to ·6 in breadth.

| | | |
|---|---|---|
| 2. | South Africa. | E. L. Layard, Esq. [P.]. |
| 2. | South Africa (*E. L. Layard: Tristram Coll.*). | Crowley Bequest. |
| 3. | South Africa (*E. L. L.: Tristram Coll.*). | Crowley Bequest. |
| 3. | Cape Colony (*T. Atmore: Tristram Coll.*). | Crowley Bequest. |

### Hirundo rufula, *Temm.*

Cecropis melanocrissa, *Baedeker, Eier Eur. Vög.* tab. 52. fig. 18 (1855–63).

Hirundo rufula, *Tristram, Ibis*, 1867, p. 362; *Dresser, Birds Eur.* iii. p. 487 (1875); *Bree, Birds Eur.* 2nd ed. iv. p. 88, pl. — (1875); *Sharpe, Cat. Birds B. M.* x. p. 156 (1885); *id. & Wyatt, Mon. Hirundinidæ*, i. p. 347 (1885–94); *Sharpe, Hand-l.* iii. p. 196 (1901).

The eggs of the Red-rumped Swallow are of the plain white type. They measure from ·76 to ·8 in length, and from ·53 to ·57 in breadth.

| | | |
|---|---|---|
| 3. | Parnassus, Greece, 9th May (*H. Seebohm & T. Krüper*). | Seebohm Coll. |
| 2. | Otolika, Greece, 30th May (*W. H. Simpson: Tristram Coll.*). | Crowley Bequest. |
| 1. | Smyrna, 17th May (*T. Krüper*). | Seebohm Coll. |
| 1. | Smyrna, 2nd June (*T. K.*). | Seebohm Coll. |
| 3. | Smyrna, 10th June (*T. K.*). | Seebohm Coll. |
| 1. | Palestine, 5th May (*H. B. Tristram*). | Salvin-Godman Coll. |
| 1. | Safed, Galilee, 25th May (*H. B. T.*). | Crowley Bequest. |
| 2. | Arak el Emir, Gilead, 29th April (*H. B. T.*). | Crowley Bequest. |
| 1. | Cæsarea Philippi, 14th May (*H. B. T.*). | Crowley Bequest. |

## **Hirundo nipalensis**, *Hodgs.*

Hirundo nipalensis, *Sharpe, Cat. Birds B. M.* x. p. 160 (1885); *id. & Wyatt, Mon. Hirundinidæ,* ii. p. 365 (1885–94); *Oates ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 195 (1890); *Sharpe, Hand-l.* iii. p. 196 (1901).

The eggs of Hodgson's Mosque-Swallow are of the white type. The average dimensions of six examples are ·85 by ·55.

| | | |
|---|---|---|
| 2. | Simla, Himalayas, 15th June. | Hume Coll. |
| 3. | Simla, 25th July. | Hume Coll. |
| 1. | Murri, Himalayas, 13th June. | Crowley Bequest. |

## **Hirundo erythropygia**, *Sykes.*

Hirundo erythropygia, *Sharpe, Cat. Birds B. M.* x. p. 164 (1885); *id. & Wyatt, Mon. Hirundinidæ,* ii. p. 371 (1885–94); *Oates ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 197 (1890); *Sharpe, Hand-l.* iii. p. 196 (1901).

The eggs of Sykes's Mosque-Swallow are of the plain white type. They measure from ·75 to ·83 in length, and from ·52 to ·6 in breadth.

| | | |
|---|---|---|
| 2. | Mount Abu, Rajputana, 2nd June. | Hume Coll. |
| 2. | Chunar, N.W. Provinces, 17th June. | Hume Coll. |
| 2. | Chunar, 18th June. | Hume Coll. |
| 2. | Chunar, 19th June. | Hume Coll. |
| 2. | Allahabad, 18th June. | Hume Coll. |
| 3. | Etawah (*W. E. Brooks: Tristram Coll.*). | Crowley Bequest. |
| 2. | Jhansi, 20th June. | Hume Coll. |
| 3. | Jhansi, 25th June. | Hume Coll. |
| 6. | Jhansi, 5th Sept. | Hume Coll. |
| 2. | Jhansi, 27th Sept. | Hume Coll. |
| 2. | Saugor, C. Provinces, 28th July. | Hume Coll. |
| 3. | Nilghiri Hills, 4th May. | Hume Coll. |

## Genus CHERAMŒCA, *Cab.*

### Cheramœca leucosternum (*Gould*).

Cheramœca leucosterna, *Gould, Handb. Birds Austr.* i. p. 115 (1865).
Cheramœca leucosternum, *Sharpe, Cat. Birds B. M.* x. p. 171 (1885); *id. & Wyatt, Mon. Hirundinidæ,* ii. p. 433 (1885–94); *North, Nests & Eggs Austr. Birds,* p. 33, pl. xiii. fig. 15 (1889); *Nehrk. Kat. Eiersamml.* p. 87 (1899); *Campbell, Nests & Eggs Austr. Birds,* i. p. 454 (1901); *Sharpe, Hand-l.* iii. p. 198 (1901).

The eggs of the White-breasted Swallow are of a narrow oval shape, devoid of gloss, and of a plain white colour. They measure from ·67 to ·72 in length, and from ·48 to ·51 in breadth.

| | | |
|---|---|---|
| 4. | South Australia (*G. F. Angas*). | Gould Coll. |
| 3. | Reed Beds, S. Australia, Dec. (*A. J. North*). | Crowley Bequest. |
| 3. | River Darling, N.S.W. | Gould Coll. |

## Genus PROGNE, *Boie.*

The eggs of the Swallows of this genus are of a pointed oval shape, slightly glossy, and of a plain white colour.

### Progne purpurea (*Linn.*).

Progne purpurea, *Brewer, N. Amer. Ool.* pt. i. p. 103, pl. iv. fig. 48 (1856); *Baedeker, Eier Eur. Vög.* tab. 52. fig. 19 (1855–63); *Salv. & Godm. Biol. Centr.-Amer., Aves,* i. p. 223 (1883); *Seebohm, Brit. Birds,* ii. p. 189, pl. 18 (1884); *Sharpe, Cat. Birds B. M.* x. p. 173 (1885); *id. & Wyatt, Mon. Hirundinidæ,* ii. p. 439 (1885–94); *Nehrk. Kat. Eiersamml.* p. 86 (1899); *Sharpe, Hand-l.* iii. p. 198 (1901).
Progne subis, *Baird, Brewer & Ridgw. N. Amer. Birds,* i. p. 329 (1874).

The eggs of the Purple Martin measure from ·95 to 1·03 in length, and from ·65 to ·71 in breadth.

| | | |
|---|---|---|
| 2. | North America. | Salvin-Godman Coll. |
| 1. | North America (*Hargitt Coll.*). | Seebohm Coll. |
| 5. | North America. | Seebohm Coll. |
| 1. | North America (*J. G. Bell: Tristram Coll.*). | Crowley Bequest. |
| 2. | North America (*H. Buckley: Tristram Coll.*). | Crowley Bequest. |
| 1. | New Brunswick, April (*H. E. Dresser*). | Crowley Bequest. |
| 1. | New York (*H. Buckley: Tristram Coll.*). | Crowley Bequest. |

### Progne hesperia, *Brewst.*

Progne subis hesperia, *Brewster, Auk,* vi. p. 92 (1889); *Belding, Occ. Papers Calif. Acad. Sci.* ii. p. 183 (1890).

Progne hesperia, *Sharpe & Wyatt, Mon. Hirundinidæ,* ii. p. 455 (1885–94); *Sharpe, Hand-l.* iii. p. 198 (1901).

One egg of the Western Martin measures ·9 by ·63.

| | | |
|---|---|---|
| 1. | San Diego, California, 2nd June. | W. Radcliffe Saunders, Esq. [P.]. |

### Progne furcata, *Baird.*

Progne furcata, *Sharpe, Cat. Birds B. M.* x. p. 175 (1885); *id. & Wyatt, Mon. Hirundinidæ,* ii. p. 459 (1885–94); *Scl. & Hudson, Argent. Orn.* i. p. 24 (1888); *Holland, Ibis,* 1896, p. 315; *Sharpe, Hand-l.* iii. p. 198 (1901).

Three eggs of the Patagonian Purple Martin measure respectively: ·98 by ·63; ·95 by ·69; 1 by ·61.

| | | |
|---|---|---|
| 3. | Argentine Republic, Nov. | A. H. Holland, Esq. [C.]. |

### Progne chalybea (*Gm.*).

Progne dominicensis, *Owen, Ibis,* 1861, p. 61.
Progne chalybea, *Salv. & Godm. Biol. Centr.-Amer., Aves,* i. p. 224 (1883); *Dalgleish, Proc. R. Phys. Soc. Edin.* viii. p. 78 (1883–5); *Sharpe, Cat. Birds B. M.* x. p. 178 (1885); *id. & Wyatt, Mon. Hirundinidæ,* ii. p. 473 (1885–94); *Scl. & Huds. Argent. Orn.* i. p. 25 (1888); *Holland, Ibis,* 1892, p. 195; *Nehrk. Kat. Eiersamml.* p. 86 (1899); *Sharpe, Hand-l.* iii. p. 199 (1901).

The eggs of the White-bellied Purple Martin measure from ·85 to ·95 in length, and from ·63 to ·65 in breadth.

| | | |
|---|---|---|
| 3. | Guatemala (*R. Owen*). | Salvin-Godman Coll. |
| 2. | Argentine Republic, Oct. | A. H. Holland, Esq. [C.]. |

### Progne tapera (*Linn.*).

Progne tapera, *Scl. & Salv. P. Z. S.* 1866, p. 178; *Sharpe, Cat. Birds B. M.* x. p. 180 (1885); *id. & Wyatt, Mon. Hirundinidæ,* ii. p. 479 (1885–94); *Scl. & Huds. Argent. Orn.* i. p. 26 (1888); *Holland, Ibis,* 1892, p. 195; *Nehrk. Kat. Eiersamml.* p. 86 (1899); *von Ihering, Rev. Mus. Paulista,* iv. p. 206 (1900); *Sharpe, Hand-l.* iii. p. 199 (1901).

The eggs of the Tree-Martin measure from ·85 to ·93 in length, and from ·62 to ·65 in breadth.

| | | |
|---|---|---|
| 3. | Ucayali River, Amazonia (*E. Bartlett*). | Crowley Bequest. |
| 5. | Venezuela (*Gugenheimer*). | Crowley Bequest. |
| 5. | Argentine Republic, Nov. | A. H. Holland, Esq. [C.]. |
| 1. | Argentine Republic. | Crowley Bequest. |

## Genus **ATTICORA**, *Boie*.

The eggs of the Swallows of this genus are of a pointed oval shape, moderately glossy, and of a plain white colour.

### Atticora cinerea (*Gm.*).

Petrochelidon murina, *Scl. P. Z. S.* 1860, p. 74.
Atticora cinerea, *Sharpe, Cat. Birds B. M.* x. p. 184 (1885); *id. & Wyatt, Mon. Hirundinidæ*, ii. p. 499 (1885–94); *Sharpe, Hand-l.* iii. p. 199 (1901).

The egg of the Andean Swallow in the Collection measures ·7 by ·52.

| | | |
|---|---|---|
| 1. | Ecuador (*Fraser*). | Salvin-Godman Coll. |

### Atticora cyanoleuca (*Vieill.*).

Atticora cyanoleuca, *Scl. & Salv. P. Z. S.* 1866, p. 178; 1879, p. 495; *Hudson, P. Z. S.* 1872, p. 844; *Salv. & Godm. Biol. Centr.-Amer., Aves*, i. p. 229 (1883); *Sharpe, Cat. Birds B. M.* x. p. 186 (1885); *id. & Wyatt, Mon. Hirundinidæ*, ii. p. 505 (1885–94); *Scl. & Huds. Argent. Orn.* i. p. 33 (1888); *Nehrk. Kat. Eiersamml.* p. 86 (1899); *von Ihering, Rev. Mus. Paulista*, iv. p. 207 (1900); *Sharpe, Hand-l.* iii. p. 200 (1901).

The eggs of the Blue-and-White Swallow measure from ·67 to ·8 in length, and from ·46 to ·55 in breadth.

| | | |
|---|---|---|
| 3. | Ucayali R., Amazonia (*E. Bartlett*). | Crowley Bequest. |
| 2. | Frontino, Antioquia, U.S. Colombia (*T. K. Salmon*). | Salvin-Godman Coll. |
| 5. | Argentine Republic, Oct. | A. H. Holland, Esq. [C.]. |
| 2. | Argentine Republic. | Crowley Bequest. |

### Atticora pileata, *Gould*.

Atticora pileata, *Salv. & Godm. Biol. Centr.-Amer., Aves*, i. p. 230 (1883); *Sharpe, Cat. Birds B. M.* x. p. 188 (1885); *id. & Wyatt, Mon. Hirundinidæ*, ii. p. 513 (1885–94); *Nehrk. Kat. Eiersamml.* p. 86 (1899); *Sharpe, Hand-l.* iii. p. 200 (1901).

Four eggs said to be those of the Guatemalan Swallow, taken in Venezuela, measure respectively: ·68 by ·51; ·64 by ·5; ·67 by ·5; ·62 by ·5.

| | | |
|---|---|---|
| 4. | Venezuela (*Gugenheimer*). | Crowley Bequest. |

### Atticora fucata (*Temm.*).

Atticora fucata, *Sharpe, Cat. Birds B. M.* x. p. 188 (1885); *id. & Wyatt, Mon. Hirundinidæ*, ii. p. 515 (1885–94); *Scl. & Huds. Argent. Orn.* i. p. 35 (1888); *Aplin, Ibis*, 1894, p. 167, pl. v. fig. 2; *von Ihering, Rev. Mus. Paulista*, iv. p. 207 (1900); *Sharpe, Hand-l.* iii. p. 200 (1901).

An egg of the Tawny-headed Swallow in the Collection measures ·76 by ·5.

| | | |
|---|---|---|
| 3. | Uruguay, 19th Nov. | O. V. Aplin Esq. [P.]. |

## Genus **PETROCHELIDON**, *Cab.*

The eggs of the Swallows of this genus are of a regular oval shape, and they exhibit a small amount of gloss. Those of some species are plain white, those of others spotted.

### **Petrochelidon nigricans** (*Vieill.*).

Hylochelidon nigricans, *Gould, Handb. Birds Austr.* i. p. 111 (1865).
Petrochelidon nigricans, *Sharpe, Cat. Birds B. M.* x. p. 190 (1885); *id. & Wyatt, Mon. Hirundinidæ,* ii. p. 525 (1885–94); *North, Nests & Eggs Austr. Birds,* p. 32, pl. xiii. fig. 14 (1889); *Nehrk. Kat. Eiersamml.* p. 86 (1899); *Campbell, Nests & Eggs Austr. Birds,* i. p. 456, pl. 15 (1901); *Sharpe, Hand-l.* iii. p. 200 (1901).

The eggs of the White-rumped Cliff-Swallow are of a white colour, minutely speckled, chiefly at the broad end, with rufous and lavender. They measure from ·64 to ·72 in length, and from ·5 to ·57 in breadth.

| | | |
|---|---|---|
| 1. | South Australia (*G. F. Angas*). | Gould Coll. |
| 2. | New South Wales (*Wilson*). | Gould Coll. |
| 3. | New South Wales, 18th Oct. (*A. J. North*). | Crowley Bequest. |

### **Petrochelidon pyrrhonota** (*Vieill.*).

Hirundo lunifrons, *Brewer, N. Amer. Ool.* pt. i. p. 94, pl. v. figs. 68–73 (1856).
Petrochelidon lunifrons, *Baird, Brewer & Ridgw. N. Amer. Birds,* i. p. 334 (1874).
Petrochelidon pyrrhonota, *Salv. & Godm. Biol. Centr.-Amer., Aves,* i. p. 226 (1883); *Sharpe, Cat. Birds B. M.* x. p. 193 (1885); *id. & Wyatt, Mon. Hirundinidæ,* ii. p. 531 (1885–94); *Scl. & Huds. Argent. Orn.* i. p. 30 (1888); *Nehrk. Kat. Eiersamml.* p. 87 (1899); *Sharpe, Hand-l.* iii. p. 201 (1901).

The eggs of the North-American Cliff-Swallow are white, coarsely speckled and blotched with various shades of brown, chestnut, and lavender. The markings are densest at the broad end. Specimens measure from ·75 to ·85 in length, and from ·53 to ·57 in breadth.

| | | |
|---|---|---|
| 5. | North America. | Salvin-Godman Coll. |
| 4. | North America (*Henshaw Coll.*). | Salvin-Godman Coll. |
| 5. | North America. | Crowley Bequest. |
| 4. | Rocky Mountains (*D. G. Elliot: Tristram Coll.*). | Crowley Bequest. |
| 4. | Pembina, Dakota (*Henshaw Coll.*). | Salvin-Godman Coll. |
| 5. | Manitoba, 5th Aug. (*G. M. Dawson*). | N. Amer. Bound. Comm. |

| | | |
|---|---|---|
| 2. | Massachusetts, 29th May. | W. Radcliffe Saunders, Esq. [P.]. |
| 2. | East Providence, Rhode Island, 26th May. | W. Radcliffe Saunders, Esq. [P.]. |
| 2. | Connecticut. | Crowley Bequest. |

### **Petrochelidon swainsoni**, *Scl.*

Petrochelidon swainsoni, *Salv. & Godm. Biol. Centr.-Amer., Aves,* i. p. 227 (1883); *Sharpe, Cat. Birds B. M.* x. p. 194 (1885); *id. & Wyatt, Mon. Hirundinidæ,* ii. p. 555 (1885–94); *Nehrk. Kat. Eiersamml.* p. 87 (1899); *Sharpe, Hand-l.* iii. p. 201 (1901).

The eggs of Swainson's Cliff-Swallow resemble the coarsely marked eggs of *P. pyrrhonota*. Three examples measure respectively: ·85 by ·55; ·82 by ·56; ·83 by ·6.

| | | |
|---|---|---|
| 1. | Valladolid, Yucatan (*Gaumer*). | Gould Coll. |
| 2. | Yucatan. | Crowley Bequest. |

### **Petrochelidon fulva** (*Vieill.*).

(Plate VII. fig. 5.)

Hirundo pœciloma, *Gosse, Birds Jamaica,* p. 64 (1847).
Petrochelidon fulva, *Salv. & Godm. Biol. Centr.-Amer., Aves,* i. p. 228 (1883); *Sharpe, Cat. Birds B. M.* x. p. 195 (1885); *id. & Wyatt, Mon. Hirundinidæ,* ii. p. 561 (1885–94); *Nehrk. Kat. Eiersamml.* p. 87 (1899); *Sharpe, Hand-l.* iii. p. 201 (1901).

The eggs of the Caribbean Cliff-Swallow are of a white colour, delicately speckled all over with chestnut, umber-brown, and lavender. They measure from ·74 to ·8 in length, and from ·52 to ·6 in breadth.

| | | |
|---|---|---|
| 2. | Jamaica. | P. H. Gosse, Esq. [P.]. |
| 1. | Jamaica. | W. Radcliffe Saunders, Esq. [P.]. |
| 3. | Jamaica, 3rd June (*W. Osborne: Tristram Coll.*). | Crowley Bequest. |
| 4. | St. Thomas, Jamaica, 9th June (*C. B. Taylor*). | Crowley Bequest. |

### **Petrochelidon spilodera** (*Sundev.*).

Petrochelidon spilodera, *Sharpe, ed. Layard's Birds S. Africa,* p. 357 (1875–84); *Butler, Feilden & Reid, Zool.* 1882, p. 249; *Sharpe, Cat. Birds B. M.* x. p. 198 (1885); *id. & Wyatt, Mon. Hirundinidæ,* ii. p. 573 (1885–94); *Nehrk. Kat. Eiersamml.* p. 87 (1899); *Sharpe, Hand-l.* iii. p. 201 (1901); *Stark & Sclater, Fauna S. Africa, Birds,* ii. p. 304 (1901).

The eggs of the South-African Cliff-Swallow resemble those of *P. pyrrhonota*. They measure from ·75 to ·87 in length, and from ·56 to ·58 in breadth.

| | |
|---|---|
| 3. Transvaal (*T. Ayres: Tristram Coll.*). | Crowley Bequest. |
| 3. Orange Free State, 28th Dec. | Dr. Exton [P.]. |
| 4. Blomfontein. | Crowley Bequest. |
| 2. Natal. | Capt. Savile G. Reid [P.]. |

### Petrochelidon ariel (*Gould*).

Lagenoplastes ariel, *Gould, Handb. Birds Austr.* i. p. 113 (1865); *North, Nests & Eggs Austr. Birds,* p. 32 (1889).
Petrochelidon ariel, *Sharpe, Cat. Birds B. M.* x. p. 199 (1885); *id. & Wyatt, Mon. Hirundinidæ,* ii. p. 585 (1885–94); *Nehrk. Kat. Eiersamml.* p. 87 (1899); *Campbell, Nests & Eggs Austr. Birds,* i. p. 457 (1901); *Sharpe, Hand-l.* iii. p. 201 (1901).

The eggs of the Fairy Cliff-Swallow are of two types: plain white; and white delicately speckled, chiefly at the broad end, with rufous and lilac. They measure from ·62 to ·71 in length, and from ·48 to ·5 in breadth.

| | |
|---|---|
| 4. Dawson River, Queensland, 13th Sept. (*North Coll.*). | Crowley Bequest. |
| 5. New South Wales, 27th Sept. | Gould Coll. |
| 2. New South Wales. | Gould Coll. |
| 2. Dobroyde, N.S.W. (*E. P. Ramsay: Tristram Coll.*). | Crowley Bequest. |
| 4. Sydney, N.S.W. (*Tristram Coll.*). | Crowley Bequest. |
| 5. Mount Druitt, N.S.W., 28th Oct. (*North Coll.*). | Crowley Bequest. |

### Petrochelidon fluvicola (*Blyth*).

Petrochelidon fluvicola, *Sharpe, Cat. Birds B. M.* x. p. 200 (1885); *id. & Wyatt, Mon. Hirundinidæ,* ii. p. 577 (1885–94); *Sharpe, Hand-l.* iii. p. 201 (1901).
Hirundo fluvicola, *Oates ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 191 (1890); *Barnes, Journ. Bomb. Nat. Hist. Soc.* iv. p. 2, pl. —, fig. 86 (1889); *Betham, op. cit.* xii. p. 781 (1899).

The eggs of the Indian Cliff-Swallow are of two types: plain white; and white, speckled and mottled with rufous, yellowish brown, and lavender, chiefly at the broad end. They measure from ·65 to ·8 in length, and from ·48 to ·58 in breadth.

| | |
|---|---|
| 4. Umballa, India, 1st July. | Hume Coll. |
| 2. Ahmedabad, 21st April. | Hume Coll. |
| 4. Jodhpur, 4th April. | Hume Coll. |
| 1. N.W. Provinces, 5th Feb. (*W. E. Brooks: Tristram Coll.*). | Crowley Bequest. |
| 4. Futtehghar (*A. A. Anderson*). | Crowley Bequest. |
| 15. Jhansi, Aug. | Hume Coll. |
| 14. Central India, Feb. | Hume Coll. |
| 10. Raipur, C. Provinces, July. | Hume Coll. |

## Sub-Family PSALIDOPROCNINÆ.

### Genus **STELGIDOPTERYX**, *Baird.*

The eggs of the Swallows of this genus are of an oval shape, slightly glossy, and plain white.

### **Stelgidopteryx serripennis** (*Audub.*).

Cotyle serripennis, *Brewer, N. Amer. Ool.* pt. i. p. 106, pl. iv. fig. 50 (1856); *Owen, Ibis*, 1861, p. 61.
Stelgidopteryx serripennis, *Baird, Brewer & Ridgw. N. Amer. Birds*, i. p. 350 (1874); *Salv. & Godm. Biol. Centr.-Amer., Aves*, i. p. 237 (1883); *Sharpe, Cat. Birds B. M.* x. p. 206 (1885); *id. & Wyatt, Mon. Hirundinidæ*, ii. p. 635 (1885–94); *Nehrk. Kat. Eiersamml.* p. 87 (1899); *Sharpe, Hand-l.* iii. p. 203 (1901).

The eggs of the North-American Rough-winged Swallow measure from ·71 to ·83 in length, and from ·5 to ·55 in breadth.

| | | |
|---|---|---|
| 2. | North America (*Audubon: Tristram Coll.*). | Crowley Bequest. |
| 1. | Pennsylvania (*T. M. Brewer: Tristram Coll.*). | Crowley Bequest. |
| 4. | Raleigh, N. Carolina, 2nd June. | W. Radcliffe Saunders, Esq. [P.]. |
| 4. | Guatemala, 20th May (*R. Owen*). | Salvin-Godman Coll. |

### **Stelgidopteryx ruficollis** (*Vieill.*).

Stelgidopteryx ruficollis, *Scl. & Salv. P. Z. S.* 1866, p. 178; *Sharpe, Cat. Birds B. M.* x. p. 208 (1885); *id. & Wyatt, Mon. Hirundinidæ*, ii. p. 647 (1885–94); *Scl. & Huds. Argent. Orn.* i. p. 36 (1888); *Nehrk. Kat. Eiersamml.* p. 87 (1899); *von Ihering, Rev. Mus. Paulista*, iv. p. 207 (1900); *Sharpe, Hand-l.* iii. p. 203 (1901).

The eggs of the Red-throated Rough-winged Swallow in the Collection measure respectively: ·85 by ·57; ·77 by ·55.

| | | |
|---|---|---|
| 1. | Upper Ucayali River, Amazonia (*E. Bartlett: Tristram Coll.*). | Crowley Bequest. |
| 1. | Ecuador (*Tristram Coll.*). | Crowley Bequest. |

### **Stelgidopteryx uropygialis** (*Lawr.*).

Stelgidopteryx uropygialis, *Scl. & Salv. P. Z. S.* 1879, p. 496; *Salv. & Godm. Biol. Centr-Amer., Aves*, i. p. 238 (1883); *Sharpe, Cat. Birds B. M.* x. p. 209 (1885); *id. & Wyatt, Mon. Hirundinidæ*, ii. p. 651 (1885–94); *Sharpe, Hand-l.* iii. p. 203 (1901).

The eggs of the Ashy-rumped Rough-winged Swallow in the Collection measure respectively: ·75 by ·55; ·78 by ·55.

| | | |
|---|---|---|
| 2. | Santa Elena, Antioquia, U.S. Colombia (*T. K. Salmon*). | Salvin-Godman Coll. |

# Family MUSCICAPIDÆ.

## Genus **HEMICHELIDON**, *Hodgs.*

### **Hemichelidon sibirica** (*Gm.*).

Butalis sibirica, *Tacz. J. f. O.* 1872, p. 446, taf. i. fig. 15.
Hemichelidon sibirica, *Sharpe, Cat. Birds B. M.* iv. p. 120 (1879); *Oates ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 1 (1890); *Tacz. Faune Orn. Sibér. Orient.* p. 475 (1891); *Nehrk. Kat. Eiersamml.* p. 23 (1899); *Sharpe, Hand-l.* iii. p. 204 (1901).

The eggs of the Sooty Flycatcher in the Collection are of a pointed oval form, and exhibit a slight amount of gloss. They are of a very pale green colour, densely mottled with extremely pale reddish brown. They measure respectively: ·71 by ·5; ·7 by ·5.

| | | |
|---|---|---|
| 2. | Lake Baikal, Siberia (*Dybowski: Tristram Coll.*). | Crowley Bequest. |

## Genus **MICRŒCA**, *Gould.*

### **Micrœca fascinans** (*Lath.*).

Micrœca fascinans, *Gould, Handb. Birds Austr.* i. p. 258 (1865); *Sharpe, Cat. Birds B. M.* iv. p. 123 (1879); *North, Nests & Eggs Austr. Birds,* p. 95 (1889); *Nehrk. Kat. Eiersamml.* p. 24 (1899); *Campbell, Nests & Eggs Austr. Birds,* i. p. 105, pl. 7 (1901); *Sharpe, Hand-l.* iii. p. 205 (1901).
Micrœca macroptera, *Ramsay, Trans. Phil. Soc. N.S.W.* 1865, p. 328, pl. i. figs. 9, 10.

The eggs of the Australian Brown Flycatcher are of a blunt oval form and slightly glossy. They are of a pale bluish-green colour, marked with specks and blotches of chestnut-brown and underlying lavender-grey. The markings are most numerous on the broader half, where they are often confluent and form an irregular zone. Specimens measure from ·68 to ·76 in length, and from ·52 to ·55 in breadth.

| | | |
|---|---|---|
| 2. | Dawson River, Queensland, 3rd Sept. (*North Coll.*). | Crowley Bequest. |
| 2. | Queensland (*Owen*). | Gould Coll. |
| 1. | New South Wales (*Wilson*). | Gould Coll. |
| 4. | Dobroyde, N.S.W., Oct. (*E. P. Ramsay: Tristram Coll.*). | Crowley Bequest. |
| 3. | South Australia. | Gould Coll. |
| 2. | South Australia (*G. F. Angas*). | Gould Coll. |
| 2. | Wimmera District, Victoria, 16th Nov. (*A. J. North*). | Crowley Bequest. |
| 2. | Mallee, Victoria, 10th Oct. | W. Radcliffe Saunders, Esq. [P.]. |

## Genus **ALSEONAX**, *Cab.*

### Alseonax latirostris (*Raffles*).

Butalis latirostris, *Tacz. J. f. O.* 1872, p. 447; 1873, taf. i. fig. 16; *id. Faune Orn. Sibér. Orient.* p. 467 (1891).
Alseonax latirostris, *Sharpe, Cat. Birds B. M.* iv. p. 127 (1879); *Oates, Fauna Brit. Ind., Birds*, ii. p. 35 (1890); *Nehrk. Kat. Eiersamml.* p. 24 (1899); *Sharpe, Hand-l.* iii. p. 206 (1901).
Muscicapa latirostris, *Seebohm, Birds Japan. Emp.* p. 62 (1890).

The eggs of the Siberian Brown Flycatcher in the Collection are of a blunt oval form and moderately glossy. They are of a very pale green colour, and whereas two specimens are quite plain, two others are mottled, chiefly round the broad end, with pale rufous, while in four others the mottling is scarcely visible. They measure respectively: ·68 by ·5; ·67 by ·5; ·7 by ·56; ·69 by ·55; ·61 by ·5; ·63 by ·5; ·61 by ·5; ·61 by ·49.

| | | |
|---|---|---|
| 2. | Hondo, Japan, 20th May. | Crowley Bequest. |
| 2. | Hondo, 20th May. | Crowley Bequest. |
| 4. | Hondo, 25th May. | W. Radcliffe Saunders, Esq. [P.]. |

### Alseonax muttui (*Layard*).

Alseonax muttui, *Sharpe, Cat. Birds B. M.* iv. p. 132 (1879); *id. Hand-l.* iii. p. 207 (1901); *Oates, Fauna Brit. Ind., Birds*, ii. p. 36 (1890); *Stuart Baker, Journ. Bomb. Nat. Hist. Soc.* ix. p. 126 (1894).

Three eggs of Layard's Flycatcher are of a regular oval form, with a very little amount of gloss. The ground is very pale stone-colour, and is freckled all over with light brick-red. The measurements are: ·70 by ·55; ·68 by ·58; ·75 by ·59.

| | | |
|---|---|---|
| 3. | Margherita, Assam, 20th March. | E. C. Stuart Baker, Esq. [C.]. |

## Genus **BRADYORNIS**, *Smith.*

### Bradyornis infuscatus (*Smith*).

(Plate VII. fig. 6.)

Saxicola infuscata, *Sharpe, ed. Layard's Birds S. Africa*, p. 233 (1875–84); *Seebohm, Cat. Birds B. M.* v. p. 406 (1881).
Bradyornis infuscatus, *Sharpe, ed. Layard's Birds S. Africa*, p. 844; *Nehrk. Kat. Eiersamml.* p. 22 (1899); *Sharpe, Hand-l.* iii. p. 208 (1901); *Stark & Sclater, Fauna S. Africa, Birds*, ii. p. 237 (1901).

Four eggs of the South African Wood-Shrike are of a regular oval form and moderately glossy. They are pale blue, speckled and spotted, somewhat densely at the broad end and sparingly elsewhere, with pale reddish brown and lilac. They measure respectively: ·93 by ·7; ·9 by ·65; ·9 by ·65; ·94 by ·66.

| | | |
|---|---|---|
| 2. | South Africa. | E. L. Layard, Esq. [P.]. |
| 2. | Cape Colony (*T. Atmore: Tristram Coll.*). | Crowley Bequest. |

### **Bradyornis silens** (*Shaw*).

(Plate VII. fig. 7.)

Bradyornis silens, *Sharpe, ed. Layard's Birds S. Africa*, p. 404 (1875–84); *Sharpe, Cat. Birds B. M.* iii. p. 313 (1877); *Nehrk. Kat. Eiersamml.* p. 22 (1899); *Sharpe, Hand-l.* iii. p. 209 (1901).
Tarsiger silens, *Stark & Sclater, Fauna S. Africa, Birds*, ii. p. 219 (1901).

The eggs of the Pied Wood-Shrike in the Collection are almost elliptical in shape, the two ends being closely alike, and they exhibit a faint gloss. The ground-colour is pale greyish green, and while one example is very indistinctly mottled with very pale brown, the other is densely mottled with greyish brown. They measure respectively: ·8 by ·61; ·81 by ·59.

2. South Africa. E. L. Layard, Esq. [P.].

## Genus **NEWTONIA**, *Schl. & Poll.*

### **Newtonia brunneicauda** (*A. Newton*).

(Plate VII. fig. 8.)

Newtonia brunneicauda, *Sharpe, Cat. Birds B. M.* iv. p. 148 (1879); *Cowan, Proc. R. Phys. Soc. Edinb.* vii. p. 148 (1882); *Milne-Edwards & Grandidier, Hist. Nat. Madag., Ois.* ii. p. 382 (1885); *Nehrk. Kat. Eiersamml.* p. 24 (1899); *Sharpe, Hand-l.* iii. p. 210 (1901).

The eggs of the Madagascar Flycatcher are of a broad oval form and very slightly glossy. They are of a dull white colour, thickly speckled, spotted, or blotched with reddish brown or purplish brown and underlying pale lavender. The markings are very dense at the broad end, where they form a more or less distinct cap. Five specimens measure from ·66 to ·77 in length, and from ·55 to ·58 in breadth.

5. Betsileo, Madagascar. Rev. W. Deans Cowan [P.].

## Genus **MUSCICAPA**, *Linn.*

### **Muscicapa grisola**, *Linn.*

Muscicapa grisola, *Thien. Fortpflanz. ges. Vög.* p. 300, tab. xxix. fig. 7, *a–e* (1845–54); *Hewitson, Eggs of Brit. Birds*, i. p. 74, pl. xxi. fig. i (1856); *Dresser, Birds Eur.* iii. p. 447 (1875); *Sharpe, Cat. Birds B. M.* iv. p. 151 (1879); *Seebohm, Brit. Birds*, i. p. 323, pl. 9 (1893); *Oates, Fauna Brit. Ind., Birds*, ii. p. 4 (1890); *id. ed. Hume, Nests & Eggs Ind. Birds*, ii. p. 1 (1890); *Seebohm, Eggs of Brit. Birds*, p. 191, pl. 51. figs. 17 & 20 (1896); *Sharpe, Hand-l.* iii. p. 211 (1901).
Butalis grisola, *Baedeker, Eier Eur. Vög.* tab. 52. fig. 11 (1855-63); *Tristram, Ibis*, 1867, p. 361; *Saunders, Ibis*, 1871, p. 206; *Wardlaw-Ramsay, Ibis*, 1880, p. 53.

The eggs of the Spotted Flycatcher vary from a narrow to a broad oval shape, and are moderately glossy. The ground-colour ranges from cream-colour to bluish white, pale blue or greenish blue, and this is spotted, blotched, and clouded with various shades of reddish brown and underlying grey or lavender. Some examples are marked with distinct, well-defined blotches; others with confluent markings which nearly entirely hide the ground-colour. In most cases the markings are dense at the broad end, where they often form a cap or very irregular zone. Specimens measure from ·67 to ·8 in length, and from ·52 to 6 in breadth.

| | | |
|---|---|---|
| 3. | Inverness-shire (*Hargitt Coll.*). | Seebohm Coll. |
| 3. | England. | Old Collection. |
| 2. | England. | Salvin-Godman Coll. |
| 4. | England. | Crowley Bequest. |
| 17. | Bowdon, Cheshire (*F. Nicholson: Hargitt Coll.*). | Seebohm Coll. |
| 5. | Alport, Derbyshire, 7th June (*O. Salvin*). | Salvin-Godman Coll. |
| 5. | Norfolk, 4th June (*F. Norgate*). | Seebohm Coll. |
| 5. | Norfolk, 30th June (*F. N.*). | Seebohm Coll. |
| 3. | Cambridgeshire. | F. Bond, Esq. [P.]. |
| 4. | Cambridgeshire. | F. Bond, Esq. [P.]. |
| 4. | Cambridge. | Salvin-Godman Coll. |
| 4. | Alton, Hants. | Crowley Bequest. |
| 3. | Epping Forest. | Salvin-Godman Coll. |
| 2. | Epping Forest. | Salvin-Godman Coll. |
| 3. | Epping Forest. | Salvin-Godman Coll. |
| 5. | Finchley, Middlesex (*O. Salvin*). | Salvin-Godman Coll. |
| 4. | Hampstead, Middlesex (*O. S.*). | Salvin-Godman Coll. |
| 4. | Hampstead (*O. S.*). | Salvin-Godman Coll. |
| 5. | Churt, Surrey, June. | Crowley Bequest. |
| 3. | Churt, May (with egg of *Cuculus canorus*). | Crowley Bequest. |
| 5. | Valkenswaard, Holland, 25th May (*H. Seebohm*). | Seebohm Coll. |
| 3. | Malaga, Spain, 11th June. | Seebohm Coll. |
| 4. | Malaga, 12th June. | Seebohm Coll. |
| 3. | Malaga, 16th June (*A. Ruiz*). | Seebohm Coll. |
| 4. | Malaga, 21st May (*H. Saunders: Hargitt Coll.*). | Seebohm Coll. |
| 3. | Malaga, 24th May (*H. S.: Hargitt Coll.*). | Seebohm Coll. |
| 3. | Malaga, 20th June (*H. S.: Hargitt Coll.*). | Seebohm Coll. |
| 5. | Malaga, 27th June (*H. S.: Hargitt Coll.*). | Seebohm Coll. |
| 1. | Muonioniska, Lapland. | Salvin-Godman Coll. |
| 4. | Sundal Valley, Norway, 20th June. | Dr. R. Bowdler Sharpe [P.]. |
| 4. | Sundal Valley, 20th June. | Dr. R. Bowdler Sharpe [P.]. |
| 6. | Sundal Valley, 18th June. | Dr. R. Bowdler Sharpe [P.]. |
| 5. | Pomerania, 30th May (*T. Holland*). | Seebohm Coll. |
| 4. | Pomerania, 30th May (*T. H.*). | Seebohm Coll. |
| 4. | Pomerania, 1st June (*T. H.*). | Seebohm Coll. |
| 3. | Pomerania, 30th June (*T. H.*). | Seebohm Coll. |

| | | |
|---|---|---|
| 3. | Reval, Baltic Provs., 18th June (*Russow*). | Seebohm Coll. |
| 6. | Berlin (*T. Holland*). | Seebohm Coll. |
| 6. | Austria, 25th May. | Seebohm Coll. |
| 5. | Parnassus, Greece, 20th May (*T. Krüper*). | Seebohm Coll. |
| 2. | Mt. Hermon, Palestine, 13th May (*H. B. Tristram*). | Crowley Bequest. |
| 1. | Safed, Palestine, 14th May (*H. B. T.*). | Crowley Bequest. |
| 4. | Afghanistan, 3rd June (*W. R. Wardlaw-Ramsay*). | Seebohm Coll. |

### Genus **HEDYMELA**, *Sundev.*

### **Hedymela atricapilla** (*Linn.*).

Muscicapa atricapilla, *Thien. Fortpflanz. ges. Vög.* p. 303, tab. xxix. fig. 9, *a*, *b* (1845–54); *Baedeker, Eier Eur. Vög.* tab. 52. fig. 12 (1855–63); *Hewitson, Eggs of Brit. Birds,* i. p. 75, pl. xxi. fig. ii (1856); *Dresser, Birds Eur.* iii. p. 453 (1875); *Sharpe, Cat. Birds B. M.* iv. p. 157 (1879); *Seebohm, Brit. Birds,* i. p. 328, pl. 9 (1883); *id. Eggs of Brit. Birds,* p. 192, pl. 52. fig. 2 (1896).
Muscicapa luctuosa, *Salvin, Ibis,* 1859, p. 311.
Hedymela atricapilla, *Sharpe, Hand-l.* iii. p. 213 (1901).

The eggs of the Pied Flycatcher are of an oval form, with the smaller end generally very sharply pointed, and they are usually extremely glossy. They vary in colour from a very delicate pale blue to a fairly dark blue. It is stated that some eggs are occasionally speckled with pale reddish brown, but all the specimens in the National Collection are quite plain. They measure from ·63 to ·78 in length, and from ·47 to ·57 in breadth. A small specimen from Norway measures only ·61 by ·41, but another from Algeria, the largest in the series, measures ·78 by ·6.

| | | |
|---|---|---|
| 5. | Cumberland (*Heysham*). | Gould Coll. |
| 4. | Penrith, Cumberland, June (*Heysham*). | Seebohm Coll. |
| 20. | Keswick, Cumberland (*F. Nicholson: Hargitt Coll.*). | Seebohm Coll. |
| 6. | Carlisle. | Salvin-Godman Coll. |
| 8. | New Forest, 23rd May (*H. Saunders*). | Seebohm Coll. |
| 3. | Gefle, Sweden, 7th June (*Meves*). | Seebohm Coll. |
| 5. | Christiana, Norway (*R. Collett: Hargitt Coll.*). | Seebohm Coll. |
| 4. | Norway, 23rd May (*J. Lysne*). | Seebohm Coll. |
| 5. | Copenhagen, 17th June. | Seebohm Coll. |
| 5. | Quickjock, Lapland, 12th June (*H. W. Wheelwright*). | Crowley Bequest. |
| 5. | Pomerania, 14th May (*T. Holland*). | Seebohm Coll. |
| 6. | Pomerania, 24th May (*T. H.*). | Seebohm Coll. |
| 6. | Pomerania, 26th May (*T. H.*). | Seebohm Coll. |
| 1. | Madracen, Algeria, 30th May (*O. Salvin*). | Salvin-Godman Coll. |

### Hedymela collaris (*Bechst.*).

Muscicapa collaris, *Thien. Fortpflanz. ges. Vög.* p. 302, tab. xxix. fig. 10, *a*, *b* (1845–54); *Baedeker, Eier Eur. Vög.* tab. 52. fig. 13 (1855–63); *Dresser, Birds Eur.* iii. p. 459 (1874); *Sharpe, Cat. Birds B. M.* iv. p. 160 (1879).
Muscicapa albicollis, *Bree, Birds Eur.* i. p. 175, pl. — (1866); *id. op. cit.* 2nd ed. ii. p. 30, pl. — (1875).
Hedymela collaris, *Sharpe, Hand-l.* iii. p. 213 (1901).

The eggs of the White-collared Flycatcher in the Collection are of a pale bluish-green colour, and quite indistinguishable from many of those of *H. atricapilla*. They measure ·72 by ·55, and ·73 by ·55 respectively.

| | | |
|---|---|---|
| 1. | Altenkirchen, Prussia, 7th May (*E. Sachse*). | Seebohm Coll. |
| 1. | Hungary (*Tristram Coll.*). | Crowley Bequest. |

## Genus SIPHIA, *Hodgs.*

### Siphia parva (*Bechst.*).

Muscicapa parva, *Thien. Fortpflanz. ges. Vög.* p. 301, tab. xxix. fig. 8, *a–c* (1845–54); *Bree, Birds Eur.* i. p. 179, pl. — (1866); *Dresser, Birds Eur.* iii. p. 465 (1875); *Sharpe, Cat. Birds B. M.* iv. p. 161 (1879); *Seebohm, Brit. Birds*, i. p. 332, pl. 9, part. (1883); *id. Eggs of Brit. Birds*, p. 193, pl. 52. fig. 3 (1896).
Erythrosterna parva, *Baedeker, Eier Eur. Vög.* tab. 52. fig. 10 (1855–63).
Siphia parva, *Oates, Fauna Brit. Ind., Birds*, ii. p. 9 (1890); *Sharpe, Hand-l.* iii. p. 213 (1901).

The eggs of the European Red-breasted Flycatcher are of an oval form, the smaller end being frequently pointed, and they are very glossy. They are of a very pale bluish or greenish white, speckled and mottled with pale reddish brown and underlying lavender. The markings are fine and usually dense, in some cases so dense that little of the ground-colour is visible. In a few examples the markings form a very distinct zone round the larger end. Specimens measure from ·6 to ·71 in length, and from ·5 to ·55 in breadth.

| | | |
|---|---|---|
| 2. | Pomerania. | Salvin-Godman Coll. |
| 6. | Pomerania (*Seebohm Coll.*). | Crowley Bequest. |
| 5. | Stolp, Pomerania, 11th June (*H. Seebohm*). | Seebohm Coll. |
| 6. | Stolp, 3rd June (*T. Holland*). | Seebohm Coll. |
| 7. | Stolp, 12th June (*T. H.*) | Seebohm Coll. |
| 5. | Stolp, 17th June (*T. H.*). | Seebohm Coll. |
| 4. | Stolp, 18th June (*T. H.*). | Seebohm Coll. |
| 5. | Stolp, 30th June (*T. H.*). | Seebohm Coll. |
| 5. | Bohemia, 4th June. | Crowley Bequest. |
| 1. | Hungary (*Tristram Coll.*). | Crowley Bequest. |
| 5. | Uman, South Russia, 31st May (*Goebel*). | Seebohm Coll. |

## Genus **CYORNIS**, *Blyth.*

### Cyornis rubeculoides (*Vig.*).

Siphia rubeculoides, *Sharpe, Cat. Birds B. M.* iv. p. 445 (1879); *Legge, Birds Ceylon,* p. 424 (1879); *Nehrk. Kat. Eiersamml.* p. 30 (1899).
Cyornis rubeculoides, *Oates, Fauna Brit. Ind., Birds,* ii. p. 23 (1890); *Oates ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 5 (1890); *Sharpe, Hand-l.* iii. p. 215 (1901).

The eggs of the Blue-throated Flycatcher are of a regular oval shape, but vary considerably in breadth. Many specimens are glossy; others are devoid of gloss. They are of several types of coloration. Some examples are of a greenish stone-colour, often plain, sometimes marked round the broader end with an indistinct pale brownish-pink zone. Other specimens are of a pinkish cream-colour, densely mottled with pale rufous or pale brown. They measure from ·7 to ·77 in length, and from ·53 to ·58 in breadth.

| | | |
|---|---|---|
| 1. | Himalayas, 27th April (*Nehrkorn Coll.*). | Crowley Bequest. |
| 1. | Kashmir, 5th May (*C. R. Cock*). | Hume Coll. |
| 4. | Jerripani, Mussouri (*T. Hutton*). | Hume Coll. |
| 1. | Darjiling, 12th May. | Hume Coll. |
| 2. | Below Darjiling, April. | Hume Coll. |
| 3. | Yea, Tenasserim, 31st March (*W. Davison*). | Hume Coll. |

### Cyornis tickelliæ, *Blyth.*

Siphia tickelliæ, *Sharpe, Cat. Birds B. M.* iv. p. 447 (1879); *Legge, Birds Ceylon,* p. 421 (1879); *Nehrk. Kat. Eiersamml.* p. 30 (1899).
Cyornis tickelli, *Oates, Fauna Brit. Ind., Birds,* ii. p. 25 (1890); *id. ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 7 (1890); *Betham, Journ. Bomb. Nat. Hist. Soc.* xii. p. 780 (1899).
Cyornis tickelliæ, *Sharpe, Hand-l.* iii. p. 215 (1901).

The eggs of Mrs. Tickell's Blue Flycatcher present as many types of coloration as those of the Blue-throated Flycatcher, and resemble them in general appearance. Many of the specimens are of a brown colour, some plain and others marked with a faint trace of some darker mottling. Others are cream-coloured, densely mottled with various shades of pale rufous, and others are stone-coloured, faintly mottled with pale brown. Specimens measure from ·68 to ·78 in length, and from ·52 to ·58 in breadth.

| | | |
|---|---|---|
| 3. | India. | Crowley Bequest. |
| 2. | Hoshungabad, C. Provs., 24th June (*E. C. Nunn*). | Hume Coll. |
| 6. | Mysore (*I. Macpherson*). | Hume Coll. |
| 1. | Mysore, 12th May. | Hume Coll. |
| 3. | Muddur, Mysore, 22nd May. | Hume Coll. |
| 2. | Kotagherry, Nilghiri Hills, 27th May (*Miss Cockburn*). | Hume Coll. |
| 2. | Kotagherry, 10th June (*Miss Cockburn*). | Hume Coll. |

### **Cyornis magnirostris**, *Blyth.*

Siphia magnirostris, *Sharpe, Cat. Birds B. M.* iv. p. 453 (1879); *Nehrk. Kat. Eiersamml.* p. 31 (1899).

Cyornis magnirostris, *Oates, Fauna Brit. Ind., Birds,* ii. p. 26 (1890); *Stuart Baker, Journ. Bomb. Nat. Hist. Soc.* ix. p. 124 (1894); *Sharpe, Hand-l.* iii. p. 217 (1901).

Eggs of the Long-billed Blue Flycatcher are of a regular oval shape and glossy. They are of a uniform stone-colour. They measure respectively: ·82 by ·55; ·78 by ·57.

| | | |
|---|---|---|
| 2. | Laisung, N. Cachar Hills, 16th May. | E. C. Stuart Baker, Esq. [C.]. |

## Genus **DIGENEA**, *Hodgs.*

### **Digenea leucomelanura**, *Hodgs.*

Digenea leucomelanura, *Sharpe, Cat. Birds B. M.* iv. p. 459 (1879); *Nehrk. Kat. Eiersamml.* p. 31 (1899); *Sharpe, Hand-l.* iii. p. 218 (1901).

Cyornis leucomelanurus, *Oates, Fauna Brit. Ind., Birds,* ii. p. 16 (1890); *id. ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 3 (1890); *Osmaston, Journ. Bomb. Nat. Hist. Soc.* xi. p. 67 (1897).

The eggs of the Slaty-blue Flycatcher in the Collection are of a regular oval form and moderately glossy. Some examples are uniformly of a pale cream-colour; others are of a pinkish-white colour, very finely freckled with pale rufous, chiefly at the larger end, where the markings form a cap. Five specimens measure respectively: ·6 by ·5; ·62 by ·47; ·6 by ·46; ·68 by ·49; ·57 by ·49.

| | | |
|---|---|---|
| 1. | Kashmir, 31st May (*W. E. Brooks*). | Hume Coll. |
| 1. | Kashmir, 31st May (*W. E. B.: Tristram Coll.*). | Crowley Bequest. |
| 2. | Kashmir, 3rd June (*W. E. B.*). | Hume Coll. |
| 1. | Kashmir, 5th June (*W. E. B.: Tristram Coll.*). | Crowley Bequest. |

## Genus **NILTAVA**, *Hodgs.*

### **Niltava grandis**, *Blyth.*

(Plate VII. fig. 9.)

Niltava grandis, *Sharpe, Cat. Birds B. M.* iv. p. 464 (1879); *Oates, Fauna Brit. Ind., Birds,* ii. p. 40 (1890); *id. ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 18 (1890); *Nehrk. Kat. Eiersamml.* p. 31 (1899); *Sharpe, Hand-l.* iii. p. 219 (1901).

The eggs of the Large Niltava are normally of a narrow oval form, and exhibit a considerable amount of gloss. They vary from a pinkish-white to a pale fawn colour, and are usually quite plain. Some, however, are faintly clouded at the larger end with very pale rufous. They measure from ·89 to 1·04 in length, and from ·69 to ·75 in breadth.

| | | |
|---|---|---|
| 2. | Sikhim (*J. Gammie*). | Hume Coll. |
| 1. | Sikhim, 8th May (*J. G.*). | Hume Coll. |
| 2. | Mongphoo, Darjiling (*J. G.*). | Hume Coll. |
| 2. | Darjiling, May. | Hume Coll. |

### **Niltava sundara**, *Hodgs.*

Niltava sundara, *Sharpe, Cat. Birds B. M.* iv. p. 463 (1879); *Oates, Fauna Brit. Ind., Birds,* ii. p. 41 (1890); *id. ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 20 (1890); *Nehrk. Kat. Eiersamml.* p. 31 (1899); *Sharpe, Hand-l.* iii. p. 219 (1901).

The eggs of the Rufous-bellied Niltava resemble those of *N. grandis*, but are smaller, measuring from ·85 to ·95 in length, and from ·67 to ·75 in breadth.

| | | |
|---|---|---|
| 2. | Kotgarh, Himalayas, 9th May (*A. O. Hume*). | Hume Coll. |
| 2. | Kotgarh, 15th May (*A. O. H.*). | Hume Coll. |
| 1. | Kotgarh, 15th May (*Tristram Coll.*). | Crowley Bequest. |
| 2. | Kotgarh, 16th June (*A. O. H.*). | Hume Coll. |

### **Niltava macgrigoriæ** (*Burton*).

(Plate VII. fig. 10.)

Niltava macgrigoriæ, *Sharpe, Cat. Birds B. M.* iv. p. 465 (1879); *Oates, Fauna Brit. Ind., Birds,* ii. p. 42 (1890); *id. ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 21 (1890); *Nehrk. Kat. Eiersamml.* p. 31 (1899); *Sharpe, Hand-l.* iii. p. 220 (1901).

The eggs of the Small Niltava are of a somewhat elongated, narrow oval, form, and they exhibit a considerable amount of gloss. The ground-colour varies from a pale cream to a light fawn, while some specimens are so indistinctly mottled that they appear at first sight to be quite plain, others are distinctly marked with freckles and blotches of brownish pink and pale lavender, which are often confluent at the larger end and form an irregular cap. Specimens measure from ·72 to ·88 in length, and from ·5 to ·6 in breadth.

| | | |
|---|---|---|
| 2. | India. | Crowley Bequest. |
| 3. | Sikhim (*J. Gammie*). | Hume Coll. |
| 6. | Mongphoo, Darjiling (*J. G.*). | Hume Coll. |
| 4. | Darjiling, April. | Hume Coll. |
| 2. | Darjiling, 7th May | Hume Coll. |
| 1. | Darjiling, June. | Hume Coll. |

## Genus **PETRŒCA**, *Swains.*

### **Petrœca leggei**, *Sharpe.*

Petroica multicolor, *Gould, Handb. Birds Austr.* i. p. 279 (1865).

Petrœca leggei, *Sharpe, Cat. Birds B. M.* iv. p. 165 (1879); *North, Nests & Eggs Austr. Birds,* p. 102 (1889); *Nehrk. Kat. Eiersamml.* p. 24 (1899); *Campbell, Nests & Eggs Austr. Birds,* i. p. 134, pl. 8 (1901); *Sharpe, Hand-l.* iii. p. 220 (1901).

The eggs of the Scarlet-breasted Robin are of a broad oval form, occasionally approaching the spherical, and they have a faint gloss. They are of a greenish-white colour, marked with umber-brown, yellowish brown, and underlying lavender. The markings vary in size from specks to small blotches, and they are dense at the broad end, where they often form a cap or irregular zone. Examples measure from ·69 to ·74 in length, and from ·55 to ·6 in breadth.

| | | |
|---|---|---|
| 1. | Australia. | Crowley Bequest. |
| 2. | West Australia, 12th Sept. | Gould Coll. |
| 1. | New South Wales (*E. P. Ramsay*). | Gould Coll. |
| 1. | New South Wales, 31st Aug. (*E. P. R.*). | Gould Coll. |
| 1. | Ashfield, N.S.W. (*E. P. Ramsay: Tristram Coll.*). | Crowley Bequest. |
| 1. | Gippsland, Victoria. | F. A. Philbrick, Esq., K.C. [P.]. |
| 3. | Gippsland, 9th Nov. (*A. J. North*). | Crowley Bequest. |
| 3. | Grampians, Victoria, Nov. | W. Radcliffe Saunders, Esq. [P.]. |
| 2. | Grampians, Victoria, Nov. | W. Radcliffe Saunders, Esq. [P.]. |
| 2. | Tasmania (*E. D. Atkinson*). | Crowley Bequest. |

### **Petrœca phœnicea**, *Gould*.

(Plate VII. fig. 11.)

Petroica phœnicea, *Gould, Handb. Birds Austr.* i. p. 282 (1865).
Petrœca phœnicea, *Sharpe, Cat. Birds B. M.* iv. p. 166 (1879); *North, Nests & Eggs Austr. Birds*, p. 104 (1889); *Nehrk. Kat. Eiersamml.* p. 24 (1899); *Campbell, Nests & Eggs Austr. Birds*, i. p. 136 (1901); *Sharpe, Hand-l.* iii. p. 220 (1901).

The eggs of the Flame-breasted Robin in the Collection closely resemble those of *P. leggei*. Examples measure from ·69 to ·77 in length, and from ·53 to ·6 in breadth.

| | | |
|---|---|---|
| 2. | Tasmania (*E. D. Atkinson*). | Crowley Bequest. |
| 2. | Tasmania, 13th Oct. | Gould Coll. |
| 3. | Table Cape, Tasmania, Nov. (*A. J. North*). | Crowley Bequest. |
| 2. | Victoria. | Govt. of Victoria [P.]. |
| 1. | Victoria. | Govt. of Victoria [P.]. |
| 2. | Gippsland, Victoria, 10th Nov. (*A. J. North*). | Crowley Bequest. |

### **Petrœca multicolor** (*Gm.*).

(Plate VII. fig. 12.)

Petroica erythrogastra, *Gould, Handb. Birds Austr.* ii., App. p. 526 (1865).
Petrœca multicolor, *Sharpe, Cat. Birds B. M.* iv. p. 168 (1879); *Crowfoot, Ibis*, 1885, p. 270; *North, Nests & Eggs Austr. Birds*, p. 410 (1889); *Sharpe, Hand-l.* iii. p. 220 (1901).

The eggs of the Norfolk Island Robin are of a somewhat elongated oval form, and they possess a small amount of gloss. They are white, spotted and blotched, but almost entirely in a broad irregular zone round the larger end, with pale brown and lavender. Two specimens (the third damaged) measure respectively: ·62 by ·47; ·69 by ·47.

| | |
|---|---|
| 3. Norfolk Island. | Dr. W. M. Crowfoot [P.]. |

## **Petrœca rhodinogaster** (*Drap.*).

(Plate VII. fig. 13.)

Erythrodryas rhodinogaster, *Gould, Handb. Birds Austr.* i. p. 276 (1865); *North, Nests & Eggs Austr. Birds*, p. 101 (1889).
Petrœca rhodinogastra, *Sharpe, Cat. Birds B. M.* iv. p. 170 (1879); *Nehrk. Kat. Eiersamml.* p. 24 (1899); *Campbell, Nests & Eggs Austr. Birds*, i. p. 138 (1901); *Sharpe, Hand-l.* iii. p. 221 (1901).

The egg of the Pink-breasted Robin in the Gould Collection resembles the eggs of *P. leggei* and *P. phœnicea*. It is probably one of the specimens of which Gould wrote (*l. c.*):—"The eggs are three in number, of a greenish white, thickly sprinkled with light chestnut and purplish brown; eight lines and a half long by six and a half broad." It is now fractured, and cannot be measured accurately.

Two other examples are similar in colour, and measure respectively: ·72 by ·58; ·78 by ·53.

| | |
|---|---|
| 1. Tasmania (*Wilson*). | Gould Coll. |
| 2. Tasmania (*E. D. Atkinson*). | Crowley Bequest. |

## **Petrœca rosea**, *Gould*.

Erythrodryas rosea, *Gould, Handb. Birds Austr.* i. p. 277 (1865).
Petrœca rosea, *Sharpe, Cat. Birds B. M.* iv. p. 170 (1879); *Campbell, Nests & Eggs Austr. Birds*, i. p. 139, pl. 8 (1901); *Sharpe, Hand-l.* iii. p. 221 (1901).

The eggs of the Rose-breasted Robin in the Collection are of two types. Three examples, forming a clutch, are of an elongated oval form and moderately glossy. They are white, speckled and blotched, mostly at the broad end, with pale brown and lavender-grey. They measure respectively: ·65 by ·48; ·67 by ·47; ·65 by ·48. A fourth example is of a broad oval shape and moderately glossy. It is white, profusely speckled all over with reddish-brown and lavender, and measures ·68 by ·52.

| | |
|---|---|
| 3. Victoria. | Govt. of Victoria [P.]. |
| 1. Victoria. | Govt. of Victoria [P.]. |

## **Petrœca goodenovii** (*Vig. & Horsf.*).

(Plate VII. fig. 14.)

Petroica goodenovii, *Gould, Handb. Birds Austr.* i. p. 280 (1865).
Petrœca goodenovii, *Sharpe, Cat. Birds B. M.* iv. p. 171 (1879); *North,*

*Nests & Eggs Austr. Birds*, p. 103 (1889); *Nehrk. Kat. Eiersamml.* p. 24 (1899); *Campbell, Nests & Eggs Austr. Birds*, i. p. 143 (1901); *Sharpe, Hand-l.* iii. p. 221 (1901).

The eggs of the Red-capped Robin are of a broad oval form, and are devoid of all gloss. They are pale green, thickly speckled and spotted with umber-brown and underlying lavender. The markings are generally larger and denser at the broad end, where they form a wide but irregular zone. Examples measure from ·6 to ·63 in length, and from ·49 to ·51 in breadth.

| | | |
|---|---|---|
| 4. | West Australia. | Gould Coll. |
| 3. | Wellington, N.S.W., 30th Aug. (*A. J. North*). | Crowley Bequest. |
| 3. | Victoria. | Govt. of Victoria [P.]. |
| 4. | Mallee Scrub, Victoria, 22nd Sept. (*A. J. North*). | Crowley Bequest. |

## **Petrœca bicolor** (*Vig. & Horsf.*).

Melanodryas cucullata, *Gould, Handb. Birds Austr.* i. p. 283 (1865).
Petrœca bicolor, *Sharpe, Cat. Birds B. M.* iv. p. 173 (1879); *Nehrk. Kat. Eiersamml.* p. 25 (1899).
Melanodryas bicolor, *North, Nests & Eggs Austr. Birds*, p. 105 (1889); *Campbell, Nests & Eggs Austr. Birds*, i. p. 144, pl. 8 (1901); *Sharpe, Hand-l.* iii. p. 221 (1901).

The eggs of the Hooded Robin are of a broad oval shape and highly glossy. Some are uniform olive-buff in colour; others are olive-green, with the broad end slightly tinged with rufous. They measure from ·81 to ·89 in length, and from ·62 to ·67 in breadth.

| | | |
|---|---|---|
| 1. | West Australia. | Gould Coll. |
| 3. | Queensland (*Owen*). | Gould Coll. |
| 3. | Queensland (*Owen*). | Gould Coll. |
| 2. | Dawson River, Queensland, 27th Aug. (*North Coll.*). | Crowley Bequest. |
| 2. | Cardington, Bell River, N.S.W. (*E. P. Ramsay: Tristram Coll.*). | Crowley Bequest. |
| 3. | Wimmera District, Victoria, 30th Aug. (*A. J. North*). | Crowley Bequest. |
| 1. | Gippsland, Victoria. | F. A. Philbrick, Esq., K.C. [P.]. |
| 2. | Mallee, Victoria, Oct. | W. Radcliffe Saunders, Esq. [P.]. |

## **Petrœca toitoi** (*Garn.*).

(Plate VII. fig. 15.)

Petrœca toitoi, *Potts, Trans. N.Z. Inst.* ii. p. 60 (1869); *Sharpe, Cat. Birds B. M.* iv. p. 174 (1879); *id. Hand-l.* iii. p. 221 (1901).
Myiomoira toitoi, *Buller, Birds New Zeal.* 2nd ed. i. p. 39 (1888).

An egg of the New Zealand North-Island Robin is of a regular oval shape, devoid of gloss and of a creamy-white colour, speckled with brownish pink and lilac. It measures ·7 by ·5. The dimensions of an egg of this species given by Sir Walter Buller (*l. c.*) are ·85 by ·8, which would render the specimen nearly spherical in shape and of a size quite out of proportion to the size of the bird, which has the wing only 2·7 inches in length.

| | | |
|---|---|---|
| 1. | Nelson, New Zealand (*W. F. Howlett*: *Tristram Coll.*). | Crowley Bequest. |

### Petrœca macrocephala (*Gm.*).

(Plate VII. fig. 16.)

Petrœca macrocephala, *Potts, Trans. N.Z. Inst.* ii. p. 59 (1869); iii. p. 76 (1870); *Sharpe, Cat. Birds B. M.* iv. p. 176 (1879); *Nehrk. Kat. Eiersamml.* p. 25 (1899); *Sharpe, Hand-l.* iii. p. 222 (1901).
Myiomoira macrocephala, *Buller, Birds New Zeal.* 2nd ed. i. p. 42 (1888).

Eggs of the New Zealand South-Island Robin are of a broad oval shape and devoid of gloss. They are white, speckled with pale brown and lavender. Four examples measure respectively: ·7 by ·56; ·69 by ·57; ·77 by ·58; ·74 by ·58.

| | | |
|---|---|---|
| 2. | Otago, New Zealand, 21st Dec. (*E. P. Seymour*). | Crowley Bequest. |
| 2. | Port Chalmers, New Zealand, 23rd Oct. (*E. P. S.*). | Crowley Bequest. |

### Petrœca vittata (*Q. & G.*).

(Plate VII. figs. 17 & 18.)

Amaurodryas vittata, *Gould, Handb. Birds Austr.* i. p. 286 (1865); *North, Nests & Eggs Austr. Birds*, p. 106 (1889).
Petrœca vittata, *Sharpe, Cat. Birds B. M.* iv. p. 177 (1879); *Nehrk. Kat. Eiersamml.* p. 25 (1899); *Sharpe, Hand-l.* iii. p. 222 (1901).
Amaurodryas (Petrœca) vittata, *Campbell, Nests & Eggs Austr. Birds,* i. p. 147 (1901).

The eggs of the Dusky Robin resemble those of *P. bicolor*, but are more varied, some being of a pale blue colour, others being spotted with yellowish brown and lilac. They measure from ·83 to ·95 in length, and from ·65 to ·7 in breadth.

| | | |
|---|---|---|
| 2. | Tasmania (*Wilson*). | Gould Coll. |
| 2. | Tasmania. | Gould Coll. |
| 3. | Tasmania. | Gould Coll. |
| 6. | New South Wales. | Crowley Bequest. |
| 3. | New South Wales, 3rd Dec. (*A. J. North*). | Crowley Bequest. |

## Genus **POLIOMYIAS**, *Sharpe.*

### Poliomyias luteola (*Pall.*).

Erythrosterna luteola, *Tacz. J. f. O.* 1872, p. 449; 1873, taf. ii. fig. 18; *id. Faune Orn. Sibér. Orient.* p. 472 (1891).
Poliomyias luteola, *Sharpe, Cat. Birds B. M.* iv. p. 201 (1879); *Nehrk. Kat. Eiersamml.* p. 25 (1899); *Sharpe, Hand-l.* iii. p. 223 (1901).

An egg of the Eastern Rusty-breasted Blue Flycatcher in the

Collection is inseparable from the mottled type of egg of *Alseonax latirostris* described above. It measures ·7 by ·51.

| | | |
|---|---|---|
| 1. | Eastern Siberia (*Nehrkorn Coll.*). | Crowley Bequest. |

## Genus **MUSCICAPULA**, *Blyth.*

### **Muscicapula superciliaris** (*Jerd.*).

(Plate VII. fig. 19.)

Muscicapula superciliaris, *Sharpe, Cat. Birds B. M.* iv. p. 204 (1879); *Nehrk. Kat. Eiersamml.* p. 25 (1899); *Sharpe, Hand-l.* iii. p. 223 (1901).

Cyornis superciliaris, *Oates, Fauna Brit. Ind., Birds,* ii. p. 17 (1890); *id. ed. Hume, Nests & Eggs Ind. Birds,* 2nd ed. ii. p. 4 (1890).

The eggs of the White-browed Blue Flycatcher are of a broad oval form, and exhibit a considerable amount of gloss. At first sight, they appear to be of one uniform colour, either fawn-coloured or of a pale stone-colour, but when closely looked at, they will be found to be mottled or speckled with a somewhat darker shade of colour than the ground-colour itself. They measure from ·59 to ·68 in length, and from ·5 to ·54 in breadth.

| | | |
|---|---|---|
| 2. | Murri, N.W. Himalayas, 5th June (*C. H. T. Marshall*). | Hume Coll. |
| 3. | Kotgarh, Himalayas. | Hume Coll. |
| 2. | Kotgarh, 3rd May. | Hume Coll. |
| 2. | Kashmir, May (*W. E. Brooks: Tristram Coll.*). | Crowley Bequest. |

### **Muscicapula samarensis**, *Bourns & Worcester.*

Muscicapula samarensis, *Bourns & Worcester, Occ. Papers Minn. Acad. Nat. Sc.* i. p. 26 (1894); *Grant & Whitehead, Ibis,* 1898, p. 237, pl. vi. fig. 6; *Sharpe, Hand-l.* iii. p. 224 (1901).

The eggs of the Samar White-browed Flycatcher in the Collection are of an ordinary oval shape and slightly glossy. They are of a bluish-green colour, speckled all over, but especially at the broad end, with pale brown and lilac. They measure respectively: ·75 by ·55; ·74 by ·52.

| | | |
|---|---|---|
| 2. | Paranos, Samar, Philippine Islands, 17th June. | J. Whitehead, Esq. [C.]. |

### **Muscicapula hyperythra** (*Blyth*).

Muscicapula hyperythra, *Sharpe, Cat. Birds B. M.* iv. p. 206 (1879); *id. Hand-l.* iii. p. 224 (1901).

Cyornis hyperythrus, *Oates, Fauna Brit. Ind., Birds,* ii. p. 15 (1890); *id. ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 2 (1890); *Stuart Baker, Journ. Bomb. Nat. Hist. Soc.* ix. p. 123 (1894).

Eggs of the Rufous-breasted Blue Flycatcher have a pale greenish-white ground-colour, freckled and mottled, chiefly at the larger end, with brownish red. They are of a regular oval shape and measure: ·74 by ·54; ·75 by ·55; ·75 by ·56; ·76 by ·55.

| | | |
|---|---|---|
| 4. | Mishmi Hills, near Margherita, Assam, 20th May. | E. C. Stuart Baker, Esq. [C.]. |

### **Muscicapula westermanni**, *Sharpe*.

(Plate VII. fig. 20.)

Muscicapula westermanni, *Sharpe, Ibis,* 1889, p. 196; *id. Hand-l.* iii. p. 224 (1901).

An egg of Westermann's Flycatcher taken by Mr. Whitehead is of a regular oval shape, almost devoid of all gloss, and fawn-coloured. It measures ·6 by ·47.

| | | |
|---|---|---|
| 1. | Mt. Kina Balu, Borneo, 25th March (*J. Whitehead*). | Crowley Bequest. |

## Genus **SMICRORNIS**, *Gould*.

### **Smicrornis brevirostris**, *Gould*.

Smicrornis brevirostris, *Gould, Handb. Birds Austr.* i. p. 273 (1865); *Sharpe, Cat. Birds B. M.* iv. p. 209 (1879); *North, Nests & Eggs Austr. Birds,* p. 100 (1889); *Nehrk. Kat. Eiersamml.* p. 25 (1899); *Campbell, Nests & Eggs Austr. Birds,* i. p. 153, pl. 8 (1901); *Sharpe, Hand-l.* iii. p. 225 (1901).

The eggs of the Short-billed Flycatcher are of a narrow oval shape, and exhibit a small amount of gloss. They are of a brownish-pink colour, marked, chiefly at the broad end, with brown and lavender. On one specimen in the Collection the markings are few and scattered; in another they form a cap; and on a third a zone round the broad end. Three examples measure respectively: ·58 by ·4; ·61 by ·43; ·56 by ·43.

| | | |
|---|---|---|
| 1. | West Australia (*Wilson*). | Gould Coll. |
| 2. | New South Wales (*Wilson*). | Gould Coll. |

## Genus **GERYGONE**, *Gould*.

### **Gerygone albigularis** (*Gould*).

Gerygone albogularis, *Gould, Handb. Birds Austr.* i. p. 266 (1865); *Ramsay, P. Z. S.* 1866, p. 576.

Gerygone albigularis, *Sharpe, Cat. Birds B. M.* iv. p. 212 (1879); *North, Nests & Eggs Austr. Birds,* p. 97 (1889); *Nehrk. Kat. Eiersamml.* p. 25 (1899); *Campbell, Nests & Eggs Austr. Birds,* i. p. 155, pl. 8 (1901); *Sharpe, Hand-l.* iii. p. 225 (1901).

The eggs of the Australian White-throated Flycatcher are of a regular oval shape, and but very slightly glossy. They are white, speckled and blotched with chestnut and pale lavender. The markings vary from mere specks in some specimens to small blotches in others, and they are often confluent at the broad end, forming a zone. Examples measure from ·63 to ·72 in length, and from ·49 to ·52 in breadth.

| | | |
|---|---|---|
| 2. | Dawson River, Queensland, 11th Oct. (*North Coll.*). | Crowley Bequest. |
| 3. | New South Wales (*E. P. Ramsay*). | Gould Coll. |
| 1. | Ashfield, N.S.W. (*E. P. Seymour: Tristram Coll.*). | Crowley Bequest. |
| 3. | Canterbury, N.S.W., 22nd Nov. (*A. J. North.*). | Crowley Bequest. |

## Genus **PSEUDOGERYGONE**, *Sharpe*.

### **Pseudogerygone igata** (*Q. & G.*).

Pseudogerygone igata, *Sharpe, Cat. Birds B. M.* iv. p. 218 (1879); *Nehrk. Kat. Eiersamml.* p. 26 (1899).
Gerygone flaviventris, *Buller, Birds New Zeal.* 2nd ed. i. p. 44 (1888).

The eggs of the New-Zealand Grey Flycatcher in the Collection are of two distinct types. One is of a blunt oval form, almost devoid of gloss, and of a white colour, speckled with rufous and lilac, pretty equally all over. A second is of a pale salmon-pink colour, speckled with deeper rufous and lavender. The former measures ·7 by ·5; the latter ·68 by ·48.

| | | |
|---|---|---|
| 2. | Otago, New Zealand (*E. P. Seymour*). | Crowley Bequest. |

### **Pseudogerygone culicivora** (*Gould*).

Gerygone culicivora, *Gould, Handb. Birds Austr.* i. p. 268 (1865).
Pseudogerygone culicivora, *Sharpe, Cat. Birds B. M.* iv. p. 220 (1879); *Campbell. Proc. Roy. Soc. Vict.* iii. p. 3, pl. i. fig 3 (1890); *id. Nests & Eggs Austr. Birds*, i. p. 157 (1901); *Sharpe, Hand-l.* iii. p. 228 (1901).

An egg of the West-Australian Flycatcher is of a very regular oval form and slightly glossy. It is white, speckled and freckled, more densely at the broad end than elsewhere, with very pale chestnut and lilac. It measures ·67 by ·5.

| | | |
|---|---|---|
| 1. | Australia (*Wilson*). | Gould Coll. |

### **Pseudogerygone magnirostris** (*Gould*).

(Plate VIII. fig. 2.)

Gerygone magnirostris, *Gould, Handb. Birds Austr.* i. p. 270 (1865).
Pseudogerygone magnirostris, *Sharpe, Cat. Birds B. M.* iv. p. 222 (1879);

*Nehrk. Kat. Eiersamml.* p. 26 (1899); *Sharpe, Hand-l.* iii. p. 229 (1901); *Campbell, Nests & Eggs Austr. Birds,* i. p. 158 (1901).

The eggs of the Large-billed Flycatcher in the Collection are of a blunt oval form and nearly devoid of all gloss. They are of a pinkish-white colour, thickly speckled, especially at the broad end where the markings become confluent, with reddish brown, lilac-red, and lavender. Three examplo measure respectively: ·69 by ·49; ·71 by ·5; ·7 by ·49.

| | |
|---|---|
| 3. Herbert River, Queensland, 22nd Nov. (*A. J. North*). | Crowley Bequest. |

## Pseudogerygone flavilateralis (*Gray*).

(Plate VIII. fig. 3.)

Pseudogerygone flavilateralis, *Sharpe, Cat. Birds B. M.* iv. p. 222 (1879); *Nehrk. Kat. Eiersamml.* p. 26 (1899); *Sharpe, Hand-l.* iii. p. 229 (1901).
Gerygone flavolateralis, *E. L. & E. L. C. Layard, Ibis,* 1882, p. 508.

The eggs of the New-Caledonian Yellow-flanked Flycatcher are of quite the same type as those of *P. magnirostris* and resemble them closely. Three examples measure respectively: ·63 by ·47; ·63 by ·48; ·65 by ·49.

| | |
|---|---|
| 2. New Caledonia (with an egg of *Cacomantis bronzinus: E. L. Layard: Tristram Coll.*). | Crowley Bequest. |
| 1. Noumea, New Caledonia (*E. L. L.: Tristram Coll.*). | Crowley Bequest. |

## Pseudogerygone fusca (*Gould*).

Gerygone fusca, *Gould, Handb. Birds Austr.* i. p. 267 (1865); *North, Nests & Eggs Austr. Birds,* p. 99 (1889).
Pseudogerygone fusca, *Sharpe, Cat. Birds B. M.* iv. p. 223 (1879); *Nehrk. Kat. Eiersamml.* p. 26 (1899); *Campbell, Nests & Eggs Austr. Birds,* i. p. 159 (1901); *Sharpe, Hand-l.* iii. p. 229 (1901).

The eggs of the Australian Fuscous Flycatcher closely resemble those of *P. magnirostris.* They measure from ·6 to ·65 in length, and from ·44 to ·46 in breadth.

| | |
|---|---|
| 3. New South Wales. | Gould Coll. |
| 2. Richmond, N.S.W., Nov. (*A. J. Campbell*). | Crowley Bequest. |

## Pseudogerygone albifrontata (*Gray*).

(Plate VIII. fig. 1.)

Pseudogerygone albifrontata, *Sharpe, Cat. Birds B. M.* iv. p. 224 (1879); *id. Hand-l.* iii. p. 229 (1901).
Gerygone albofrontata, *Buller, Birds New Zeal.* 2nd ed. i. p. 49 (1888); *Forbes, Ibis,* 1893, p. 524.

An egg of the Chatham-Island Flycatcher is of a regular oval shape and slightly glossy. It is of a pinkish-white colour, mottled all over with lilac-red and lilac, and measures ·72 by ·53.

| | | |
|---|---|---|
| 1. | Chatham Islands (*H. O. Forbes*). | Crowley Bequest. |

### Pseudogerygone chrysogaster (*Gray*).

Pseudogerygone chrysogaster, *Sharpe, Cat. Birds B. M.* iv. p. 226 (1879); *Nehrk. Cat. Eiersamml.* p. 26 (1899); *Sharpe, Hand-l.* iii. p. 230 (1901).

The eggs of the New Guinea Yellow-bellied Flycatcher appear to resemble those of *P. magnirostris* very closely. Two examples measure respectively: ·71 by ·5; ·7 by ·5.

| | | |
|---|---|---|
| 2. | New Guinea, 21st Dec. | Crowley Bequest. |

## Genus **MUSCYLVA**, *Lesson.*

### Muscylva lessoni, *Jacq. & Puch.*

(Plate VIII. fig. 4.)

Muscylva lessoni, *Sharpe, Cat. Birds B. M.* iv. p. 233 (1879); *Nehrk. Kat. Eiersamml.* p. 26 (1899); *Sharpe, Hand-l.* iii. p. 232 (1901).

The eggs of Lesson's Flycatcher in the Collection are of a broad oval form and exhibit a slight amount of gloss. They are white, speckled, almost entirely at the broad end, with purplish brown and lilac. They measure respectively: ·72 by ·55; ·72 by ·57.

| | | |
|---|---|---|
| 2. | Fiji Islands. | Crowley Bequest. |

## Genus **MIRO**, *Less.*

### Miro albifrons (*Gm.*).

(Plate VIII. fig. 5.)

Petrœca albifrons, *Potts, Trans. N. Z. Inst.* ii. p. 60 (1869); iii. p. 76 (1870).

Miro albifrons, *Sharpe, Cat. Birds B. M.* iv. p. 235 (1879); *Buller, Birds New Zeal.* 2nd ed. i. p. 36 (1888); *Nehrk. Kat. Eiersamml.* p. 26 (1899); *Sharpe, Hand-l.* iii. p. 232 (1901).

The eggs of the New-Zealand South-Island Flycatcher are of a pointed oval shape and exhibit a small amount of gloss. They are of a greyish-white colour, mottled and blotched with greyish brown and lavender. Three examples measure respectively: ·97 by ·71; ·98 by ·7; 1·05 by ·75.

| | | |
|---|---|---|
| 2. | Otago, New Zealand (*E. P. Seymour*). | Crowley Bequest. |
| 1. | Taiori District, New Zealand, 12th Nov. (*E. P. S.*). | Crowley Bequest. |

## Genus **PŒCILODRYAS**, *Gould.*

### **Pœcilodryas sub-cyana** (*De Vis*).

(Plate VIII. fig. 6.)

Pœcilodryas sub-cyanea, *De Vis, Ibis,* 1897, p. 377.
Pœcilodryas sub-cyana, *Sharpe, Hand-l.* iii. p. 234 (1901).

The eggs of the New-Guinea Bluish Flycatcher in the Collection are of a regular oval shape and moderately glossy. They are greenish white, mottled all over with very pale rufous and underlying lavender. They measure respectively: ·8 by ·62; ·81 by ·61.

2. S.E. New Guinea. Herr Weiske [C.].

### **Pœcilodryas capito** (*Gould*).

(Plate VIII. fig. 7.)

Eopsaltria capito, *Gould, Handb. Birds Austr.* i. p. 297 (1865); *North, Proc. Linn. Soc. N.S.W.* ii. p. 146 (1888); *id. Nests & Eggs Austr. Birds,* p. 109 (1889).
Pœcilodryas capito, *Sharpe, Cat. Birds B. M.* iv. p. 245 (1879); *Campbell, Nests & Eggs Austr. Birds,* i. p. 150 (1901); *Sharpe, Hand-l.* iii. p. 236 (1901).

An egg of the Large-headed Flycatcher in the Collection is of a blunt oval form and exhibits a considerable amount of gloss. It is of a creamy-white colour, almost imperceptibly tinged with green, blotched, chiefly at the broad end, with light chestnut and grey. It measures ·77 by ·57.

1. Cooktown, N. Queensland, Nov. (*D. Le Souëf*). Crowley Bequest.

## Genus **XANTHOPYGIA**, *Blyth.*

### **Xanthopygia xanthopygia** (*A. Hay*).

(Plate VIII. fig. 8.)

Xanthopygia tricolor, *Sharpe, Cat. Birds B. M.* iv. p. 250 (1879); *Tacz. Faune Orn. Sibér. Orient.* p. 480 (1891); *Nehrk. Kat. Eiersamml.* p. 26 (1899).
Xanthopygia xanthopygia, *Sharpe, Hand-l.* iii. p. 238 (1901).

The eggs of the Siberian Yellow-rumped Flycatcher* are of a broad oval form and moderately glossy. They are of a white or pinkish-white colour, delicately speckled, chiefly round the broad end, with light chestnut and lilac. They measure from ·65 to ·7 in length, and from ·51 to ·59 in breadth.

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* The name '*M. narcissina*' is written on all these eggs, but it appears from Taczanowski's account of the distribution of *X. narcissina* and *X. xanthopygia*, that they are referable to the latter species.

| | | |
|---|---|---|
| 2. | Eastern Siberia. | Crowley Bequest. |
| 1. | Amur-land. | Crowley Bequest. |
| 2. | Amur-land, 10th May. | Crowley Bequest. |

## Genus **CYANOPTILA**, *Blyth.*

### **Cyanoptila bella** (*A. Hay*).

Xanthopygia cyanomelæna, *Sharpe, Cat. Birds B. M.* iv. p. 251 (1879); *Nehrk. Kat. Eiersamml.* p. 26 (1899).
Niltava cyanomelæna, *Seebohm, Birds Japan. Emp.* p. 59 (1890).
Cyanoptila cyanomelæna, *Tacz. Faune Orn. Sibér. Orient.* p. 482 (1891).
Cyanoptila bella, *Sharpe, Hand-l.* iii. p. 238 (1901).

The eggs of the Japanese Blue Flycatcher are of an excessively broad oval form and slightly glossy. They are of a plain cream-colour. Five examples measure respectively: ·78 by ·65; ·79 by ·64; ·8 by ·6; ·8 by ·63; ·8 by ·61.

| | | |
|---|---|---|
| 3. | Japan (*H. Pryer*). | Seebohm Coll. |
| 2. | Amur-land, 1st June. | Crowley Bequest. |

## Genus **OCHROMELA**, *Blyth.*

### **Ochromela nigrirufa** (*Jerd.*).

(Plate VIII. fig. 9.)

Siphia nigrorufa, *Sharpe, Cat. Birds B. M.* iv. p. 455 (1879); *Legge, Birds Ceylon*, p. 425 (1879).
Ochromela nigrirufa, *Oates, Fauna Brit. Ind., Birds*, ii. p. 37 (1890); *id. ed. Hume, Nests & Eggs Ind. Birds*, ii. p. 14 (1890); *Sharpe, Hand-l.* iii. p. 238 (1901).

The eggs of the Black-and-Orange Flycatcher are of an oval form, and generally exhibit some small amount of gloss. They are greyish white, speckled and mottled with dull reddish brown. The markings are usually very dense at the large end, where, in most cases, they form a confluent and well-defined cap. Two examples in the Collection are of a pale stone-colour, mottled with a slightly darker shade of the same. Seven specimens measure from ·66 to ·72 in length, and from ·53 to ·56 in breadth.

| | | |
|---|---|---|
| 3. | Nilghiri Hills, April. | Hume Coll. |
| 2. | Nilghiri Hills, 19th May. | Hume Coll. |
| 1. | Coonoor, Nilghiri Hills, 10th April (*H. Carter*). | Hume Coll. |
| 1. | Coonoor, 25th May. | Hume Coll. |

## Genus **TARSIGER**, *Hodgs.*

### **Tarsiger chrysæus**, *Hodgs.*

(Plate VIII. fig. 10.)

Tarsiger chrysæus, *Sharpe, Cat. Birds B. M.* iv. p. 260 (1879); *Oates, Fauna Brit. Ind., Birds,* ii. p. 104 (1890); *id. ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 67 (1890); *Osmaston, Journ. Bomb. Nat. Hist. Soc.* xi. p. 66 (1897); *Sharpe, Hand-l.* iii. p. 238 (1901).

The egg of the Golden Bush-Robin in the Collection is of an elongated oval form, nearly equally pointed at both ends, and exhibits a considerable amount of gloss. It is of a plain deep blue colour, and measures ·79 by ·56.

| | |
|---|---|
| 1. Native Sikhim, 27th June. | Hume Coll. |

## Genus **POLIOPTILA**, *Sclater.*

The eggs of the Gnatcatchers are all very similar one to another and cannot be separated. They are of a rather broad oval shape and exhibit but little gloss. The ground-colour is white, bluish-white or very pale blue, and the whole shell is thickly speckled and spotted with deep chestnut, reddish brown, and lavender or lilac. The markings are frequently more dense and of larger size at the broad end than elsewhere, and form an imperfect cap.

### **Polioptila cærulea** (*Linn.*).

Polioptila cærulea, *Baird, Brewer & Ridgw. N. Amer. Birds,* i. p. 78 (1874); *Sharpe, Cat. Birds B. M.* x. p. 442 (1885); *Nehrk. Kat. Eiersamml.* p. 27 (1899); *Sharpe, Hand-l.* iii. p. 240 (1901).

Three eggs of the Blue-grey Gnatcatcher measure respectively: ·58 by ·46; ·57 by ·46; ·59 by ·48.

| | |
|---|---|
| 1. North America (*Nehrkorn Coll.*). | Crowley Bequest. |
| 2. North America. | Crowley Bequest. |

### **Polioptila dumicola** (*Vieill.*).

(Plate VIII. fig. 12.)

Polioptila dumicola, *Hudson, P. Z. S.* 1874, p. 158; *Sharpe, Cat. Birds B. M.* x. p. 444 (1885); *Scl. & Huds. Argent. Orn.* i. p. 12 (1888); *Nehrk. Kat. Eiersamml.* p. 27 (1899); *Sharpe, Hand-l.* iii. p. 241 (1901).

The eggs of the Brush-loving Gnatcatcher in the Collection measure respectively: ·62 by ·47; ·65 by ·45; ·57 by ·43.

| | |
|---|---|
| 3. Argentine Republic. | Crowley Bequest. |

### **Polioptila californica**, *Brewster*.

Polioptila melanura, *Baird, Brewer & Ridgw. N. Amer. Birds*, i. p. 81 (1874).
Polioptila californica, *Sharpe, Cat. Birds B. M.* x. p. 451 (1885); *id. Hand-l.* iii. p. 242 (1901).

Four eggs of the Black-capped Gnatcatcher in the Collection measure respectively: ·62 by ·48; ·64 by ·5; ·62 by ·45; ·6 by ·48.

| | | |
|---|---|---|
| 1. | California (*Smiths. Inst.*). | Salvin-Godman Coll. |
| 4. | San Diego, California, 4th May. | W. Radcliffe Saunders, Esq. [P.]. |

### **Polioptila albiloris**, *Scl. & Salv.*

Polioptila albiloris, *Owen, Ibis*, 1861, p. 61, pl. ii. fig. 3; *Salv. & Godm. Biol. Centr.-Amer., Aves*, i. p. 53 (1879); *Sharpe, Cat. Birds B. M.* x. p. 454 (1885); *Nehrk. Kat. Eiersamml.* p. 26 (1899); *Sharpe, Hand-l.* iii. p. 242 (1901).

The eggs of the Guatemalan Gnatcatcher measure from ·52 to ·6 in length, and from ·42 to ·5 in breadth.

| | | |
|---|---|---|
| 4. | Chaucus, Vera Paz, Guatemala (*R. Owen*). | Salvin-Godman Coll. |
| 2. | Yucatan (*Nehrkorn Coll.*). | Crowley Bequest. |
| 3. | Yucatan. | Crowley Bequest. |

## Genus **PARISOMA**, *Swains.*

### **Parisoma subcæruleum** (*Vieill.*).

(Plate VIII. fig. 11.)

Parisoma subcæruleum, *Sharpe, ed. Layard's Birds S. Africa*, p. 332 (1875–84); *id. Cat. Birds B. M.* iv. p. 268 (1879); *id. Hand-l.* iii. p. 242 (1901); *Stark & Sclater, Fauna S. Africa, Birds*, ii. p. 75 (1901).

The eggs of the Red-vented Flycatcher in the Collection are of an ordinary oval shape and slightly glossy. They are white, speckled and spotted, chiefly in the form of a zone round the broad end, with umber-brown, ashy-brown, and lavender. They measure respectively: ·67 by ·51; ·72 by ·55.

| | | |
|---|---|---|
| 2. | South Africa. | E. L. Layard Esq. [P.]. |

### **Parisoma layardi**, *Hartl.*

Parisoma layardi, *Sharpe, ed. Layard's Birds S. Africa*, p. 334 (1875–84); *id. Cat. Birds B. M.* iv. p. 270 (1879); *id. Hand-l.* iii. p. 242 (1901); *Stark & Sclater, Fauna S. Africa, Birds*, ii. p. 76 (1901).

The eggs of Layard's Flycatcher in the Collection are very similar to those of *P. subcæruleum*. They measure respectively: ·72 by ·52; ·71 by ·52.

| | | |
|---|---|---|
| 2. | Nels Poort, S. Africa (*T. Atmore; Tristram Coll.*). | Crowley Bequest. |

## Genus **BATIS**, *Boie.*

### Batis capensis (*Linn.*).

(Plate VIII. fig. 13.)

Batis capensis, *Sharpe, ed. Layard's Birds S. Africa*, p. 346 (1875–84); *id. Cat. Birds B. M.* iv. p. 133 (1879); *Ayres, Ibis*, 1879, p. 402; *Nehrk. Kat. Eiersamml.* p. 24 (1899); *Sharpe, Hand-l.* iii. p. 244 (1901).

Pachyprora capensis, *Stark & Sclater, Fauna S. Africa, Birds*, ii. p. 254 (1901).

An egg of the Cape Flycatcher in the Collection is of a very broad oval form and very glossy. It is of a very pale pinkish-white colour, rather heavily spotted and blotched round the middle portion of the egg with chestnut and grey. The two ends of the shell are merely lightly speckled. This example measures ·69 by ·55.

| | | |
|---|---|---|
| 1. | Natal. | T. Ayres, Esq. [C.] |

## Genus **HYPOTHYMIS**, *Boie.*

### Hypothymis azurea (*Bodd.*).

Hypothymis azurea, *Sharpe, Cat. Birds B. M.* iv. p. 274 (1879); *Barnes, Journ. Bomb. Nat. Hist. Soc.* iv. p. 96, pl.—, fig. 290 (1889); *Oates ed. Hume, Nests & Eggs Ind. Birds*, ii. p. 27 (1890): *id. Fauna Brit. Ind., Birds*, ii. p. 49 (1890); *Nehrk. Kat. Eiersamml.* p. 27 (1899); *Sharpe, Hand-l.* iii. p. 248 (1901).

The eggs of the Indian Black-naped Flycatcher are usually of a regular oval form, but some are somewhat sharply pointed at the smaller end. They exhibit a considerable amount of gloss, and vary in ground-colour from creamy-white to pale salmon-pink. The markings consist of specks and small spots of chestnut and lavender or lilac, and these are generally densely set round the larger end, where they coalesce and form a broad zone. The smaller half of the egg is comparatively free from markings. Specimens vary from ·68 to ·76 in length, and from ·5 to ·55 in breadth.

| | | |
|---|---|---|
| 1. | Kolaba, Bombay. | Crowley Bequest. |
| 8. | Raipur, C. Provinces, India, 15th June (*F. R. Blewitt*). | Hume Coll. |
| 2. | Raipur, 20th June (*F. R. B.*). | Hume Coll. |
| 5. | Raipur (*F. R. B.*). | Hume Coll. |
| 1. | Kotagherry, Nilghiri Hills, 10th June (*Miss Cockburn*). | Hume Coll. |
| 2. | Pegu, 28th May (*E. W. Oates*). | Hume Coll. |
| 3. | Pegu, 28th May (*E. W. O.*). | Hume Coll. |
| 1. | Pegu, 28th May (*E. W. O.*). | Oates Coll. |
| 1. | Pegu, 25th July (*E. W. O.*). | Hume Coll. |
| 3. | Tavoy, Tenasserim, 4th April (*J. Darling*). | Hume Coll. |
| 5. | Tavoy, 21st April (*J. D.*). | Hume Coll. |

### Hypothymis occipitalis (*Vig.*).

Myiagra azurea (*nec Bodd.*), *Swinhoe, Ibis,* 1863, p. 261.
Hypothymis occipitalis, *Sharpe, P. Z. S.* 1879, p. 337; *id. Cat. Birds B. M.* iv. p. 275 (1879); *Nehrk. Kat. Eiersamml.* p. 27, taf. i. fig. 6 (1899); *Sharpe, Hand-l.* iii. p. 248 (1901).
Hypothymis azurea, *Grant & Whitehead, Ibis,* 1898, p. 237.

The eggs of the Malayan Black-naped Flycatcher resemble those of *H. azurea* in general character. Those, however, collected in the Malay Peninsula and Borneo are very heavily marked, while those from Formosa are very feebly speckled. Two specimens brought by Whitehead from Luzon differ remarkably in having a pure white ground, delicately speckled all over with reddish brown and lilac, without any indication of the zone round the broad end which characterizes the eggs of most of the Flycatchers of this genus. Specimens measure from ·68 to ·81 in length, and from ·5 to ·55 in breadth.

| | | |
|---|---|---|
| 3. | Salang, Malay Peninsula, 10th March. | Hume Coll. |
| 5. | Labuan, Borneo. | Sir Hugh Low [C.]. |
| 2. | Cape Engaño, N.E. Luzon, 24th May. | J. Whitehead, Esq. [C.]. |
| 2. | Formosa, 1st May (*P. A. Holst*). | Seebohm Coll. |
| 4. | Formosa, 8th May (*P. A. H.*). | Seebohm Coll. |

### Hypothymis tytleri (*Beavan*).

(Plate VIII. fig. 14.)

Hypothymis occipitalis, *Sharpe, Cat. Birds B. M.* iv. p. 275, part. (1879).
Hypothymis tytleri, *Oates, Fauna Brit. Ind., Birds,* ii. p. 50 (1890); *id. ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 30 (1890).

The eggs of the Andaman Black-naped Flycatcher in the Collection are similar to many of those of *H. azurea.* They measure respectively: ·69 by ·52; ·67 by ·53.

| | | |
|---|---|---|
| 2. | Aberdeen, South Andaman Island, 23rd April. | Hume Coll. |

## Genus **TODOPSIS**, *Bp.*

### Todopsis cyanocephala (*Q. & G.*).

(Plate VIII. fig. 16.)

Todopsis cyanocephala, *Gould, Birds New Guinea,* ii. pl. 21; *Sharpe, Cat. Birds B. M.* iv. p. 280 (1879); *id. Hand-l.* iii. p. 249 (1901).

The eggs of the New-Guinea Flycatcher are of a narrow oval form and devoid of gloss. They are cream-coloured, thickly speckled, especially at the broad end, with lilac-red and chestnut. Three examples measure respectively: ·68 by ·48; ·68 by ·49; ·68 by ·49.

| | | |
|---|---|---|
| 3. | S.E. New Guinea (with two eggs of *Cacomantis insperatus*). | Herr Weiske [C.]. |

## Genus **TROCHOCERCUS**, *Cab.*

### **Trochocercus bourbonnensis** (*P. L. S. Müll.*).

(Plate VIII. fig. 15.)

Tchitrea borbonica, *E. Newton, Ibis*, 1861, p. 271.
Trochocercus borbonicus, *Sharpe, Cat. Birds B. M.* iv. p. 302 (1879).
Trochocercus bourbonnensis, *Sharpe, Hand-l.* iii. p. 251 (1901).

The sole egg of the Bourbon Flycatcher in the Collection is of a broad oval shape and devoid of gloss. It is cream-coloured, blotched, almost entirely at the broad end, with lilac-red and lilac-grey. It measures ·77 by ·59.

| | |
|---|---|
| 1. Mauritius, 10th Dec. (*E. Newton*). | Crowley Bequest. |

## Genus **RHIPIDURA**, *Vig. & Horsf.*

The eggs of the different species of Fantail Flycatchers, although varying individually, are of much the same general character throughout.

They are of a somewhat pointed oval shape and exhibit little or no gloss. The ground-colour varies from pure white to creamy white and yellowish buff, and the markings, consisting of specks, spots and small blotches, are of a greyish brown, olive, pale rufous, and lavender colour. In the great majority of specimens, the markings are chiefly confined to a well-defined zone round the broad end and they are very sparse elsewhere, and in many respects the eggs resemble those of many species of Shrikes. In a comparatively small number of specimens the zone is imperfect or ill-defined, the markings being spread over the whole shell. The specimens figured (Plate VIII.) indicate some of the types of coloration amongst the eggs of these Flycatchers.

### **Rhipidura flabellifera** (*Gm.*).

Rhipidura flabellifera, *Potts, Trans. New Zeal. Inst.* ii. p. 63 (1869); iii. p. 77 (1870); *Sharpe, Cat. Birds B. M.* iv. p. 308 (1879); *Buller, Birds New Zeal.* 2nd ed. i. p. 69 (1888); *McLean, Ibis*, 1892, p. 252; *Nehrk. Kat. Eiersamml.* i. p. 28 (1899); *Sharpe, Hand-l.* iii. p. 252 (1901).

The eggs of the New Zealand Pied Fantail Flycatcher resemble those of *R. nigritorquis* (Plate VIII. fig. 19). Specimens measure from ·6 to ·65 in length, and from ·47 to ·52 in breadth.

| | |
|---|---|
| 3. New Zealand. | T. H. Potts, Esq. [P.]. |
| 2. New Zealand. | H. Wharton, Esq. [P.]. |
| 1. Otago, New Zealand, Nov. (*E. P. Seymour*). | Crowley Bequest. |
| 1. Otago, Dec. (*E. P. S.*). | Crowley Bequest. |

### Rhipidura albiscapa, *Gould.*

Rhipidura albiscapa, *Gould, Handb. Birds Austr.* i. p. 238 (1865); *Sharpe, Cat. Birds B. M.* iv. p. 310 (1879); *North, Nests & Eggs Austr. Birds,* p. 84 (1889); *Nehrk. Kat. Eiersamml.* p. 28 (1899); *Campbell, Nests & Eggs Austr. Birds,* i. p. 108, pl. 8 (1901); *Sharpe, Hand-l.* iii. p. 252 (1901).

The eggs of the White-shafted Fantail Flycatcher have the ground-colour creamy-white and the markings disposed in various forms. They measure from ·6 to ·67 in length, and from ·47 to ·5 in breadth.

| | | |
|---|---|---|
| 2. | South Australia. | Gould Coll. |
| 2. | Wellington, N.S.W., 12th Dec. (with an egg of *Cacomantis variolosus*). | Crowley Bequest. |
| 4. | Dobroyde, N.S.W., Oct. (*E. P. Ramsay: Tristram Coll.*). | Crowley Bequest. |
| 2. | Victoria. | Govt. of Victoria [P.]. |
| 3. | Heidelberg, Victoria, 6th Dec. (*A. J. North*). | Crowley Bequest. |
| 1. | Dandenong Ranges, Victoria, 15th Dec. | W. Radcliffe Saunders, Esq. [P.]. |

### Rhipidura diemenensis, *Sharpe.*

Rhipidura saturata, *Sharpe, Cat. Birds B. M.* iv. p. 311 (1879).
Rhipidura diemenensis, *North, Nests & Eggs Austr. Birds,* p. 85 (1889); *Campbell, Nests & Eggs Austr. Birds,* i. p. 112 (1901); *Sharpe, Hand-l.* iii. p. 252 (1901).

The eggs of the Tasmanian Fantail Flycatcher are cream-coloured and rather heavily marked, but the characteristic zone is not well defined in any of the specimens in the Collection. Four examples measure respectively: ·61 by ·47; ·61 by ·49; ·63 by ·49; ·62 by ·48.

| | | |
|---|---|---|
| 1. | Tasmania. | Gould Coll. |
| 3. | Tasmania (*W. H. Bignold*). | Crowley Bequest. |

### Rhipidura nebulosa, *Peale.*

Rhipidura nebulosa, *Finsch & Hartl. Fauna Central-Polyn.* p. 86, pl. i. fig. 6 (1867); *Whitmee, Ibis,* 1875, p. 439; *Sharpe, Cat. Birds B. M.* iv. p. 315 (1879); *id. Hand-l.* iii. p. 254 (1901).

The sole egg of the Samoan Fantail Flycatcher in the Collection is of a dark cream-colour and very heavily marked over the entire larger half. It is fractured and the dimensions cannot be given.

| | | |
|---|---|---|
| 1. | Samoa. | Rev. S. J. Whitmee [C.]. |

### Rhipidura fuliginosa (*Sparrm.*).

Rhipidura fuliginosa, *Potts, Trans. New Zeal. Inst.* ii. p. 63 (1869); *Sharpe, Cat. Birds B. M.* iv. p. 316 (1879); *Buller, Birds New Zeal.*

2nd ed. i. p. 72 (1888); *Nehrk. Kat. Eiersamml.* p. 28 (1899); *Sharpe, Hand-l.* iii. p. 254 (1901).

The eggs of the New-Zealand Black Fantail Flycatcher in the Collection have a nearly pure white ground-colour and the markings form a more or less well-defined zone. They measure respectively: ·62 by ·49; ·65 by ·5; ·6 by ·49; ·6 by ·48.

| | | |
|---|---|---|
| 2. | Nelson, New Zealand, Oct. (*W. P. Howlett: Tristram Coll.*). | Crowley Bequest. |
| 1. | Canterbury, New Zealand. | Capt. R. Snow [P.]. |
| 1. | Canterbury (*E. P. Seymour*). | Crowley Bequest. |

### Rhipidura albicollis (*Vieill.*).

Rhipidura fuscoventris, *Jard. Contr. Orn.* 1852, p. 99, pl. xcii.
Rhipidura albicollis, *Sharpe, Cat. Birds B. M.* iv. p. 317 (1879); *Oates, Fauna Brit. Ind., Birds,* ii. p. 53 (1890); *id. ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 35 (1890); *Sharpe, Hand-l.* iii. p. 254 (1901).

The eggs of the Indian White-throated Fantail Flycatcher vary from white to yellowish buff in ground-colour and have the markings disposed in varied forms. They measure from ·65 to ·7 in length, and from ·47 to ·52 in breadth.

| | | |
|---|---|---|
| 2. | India. | Hume Coll. |
| 2. | Sikhim. | Hume Coll. |
| 2. | Dehra Dhoon. | Hume Coll. |
| 2. | Raipur, C. Provs., | Hume Coll. |
| 1. | Fureedpur, Bengal, 18th May (*J. R. Cripps*). | Hume Coll. |

### Rhipidura rufifrons (*Lath.*).

Rhipidura rufifrons, *Gould, Handb. Birds Austr.* i. p. 240 (1865); *Sharpe, Cat. Birds B. M.* iv. p. 319 (1879); *Ramsay, Proc. Linn. Soc. N. S. W.* 2nd ser. i. p. 1143 (1886); *North, Nests & Eggs Austr. Birds,* p. 87 (1889); *Nehrk. Kat. Eiersamml.* p. 28 (1899); *Campbell, Nests & Eggs Austr. Birds,* i. p. 112, pl. 8 (1901); *Sharpe, Hand-l.* iii. p. 255 (1901).

The eggs of the Rufous Fantail Flycatcher in the Collection are of a yellowish-buff colour, with a broad zone of confluent spots round the broad end. They measure respectively: ·71 by ·52; ·71 by ·5.

| | | |
|---|---|---|
| 2. | Richmond, N. S. Wales, Nov. (*A. J. Campbell*). | Crowley Bequest. |

### Rhipidura cyaniceps (*Cass.*).

(Plate VIII. fig. 17.)

Rhipidura cyaniceps, *Sharpe, Cat. Birds B. M.* iv. p. 323 (1879); *Grant,* *Ibis*, 1896, p. 111; *Grant & Whitehead, Ibis*, 1898, p. 236; *Sharpe, Hand-l.* iii. p. 257 (1901).

The eggs of the Blue-headed Fantail Flycatcher in the Collection are of a yellowish-buff colour, with a zone of large confluent blotches round the broad end. They measure respectively: ·74 by ·53; ·75 by ·55.

| | | |
|---|---|---|
| 2. | Cape Engaño, N.E. Luzon, 29th April. | J. Whitehead, Esq. [C.]. |

## **Rhipidura perlata**, *S. Müll.*

Rhipidura perlata, *Sharpe, Cat. Birds B. M.* iv. p. 28 (1879); *Nehrk. Kat. Eiersamml.* p. 28 (1899); *Sharpe, Hand-l.* iii. p. 259 (1901).

An egg of the Spotted Fantail Flycatcher in the Collection is of a pale yellowish-cream colour, marked with a well-defined zone round the broad end. It measures ·72 by ·55.

| | | |
|---|---|---|
| 1. | S.W. Borneo (*Grabowski*). | Crowley Bequest. |

## **Rhipidura javanica** (*Sparrm.*).

(Plate VIII. fig. 18.)

Rhipidura javanica, *Sharpe, Cat. Birds B. M.* iv. p. 332 (1879); *id. P. Z. S.* 1879, p. 337; *Nehrk. Kat. Eiersamml.* p. 28 (1899); *Sharpe, Hand-l.* iii. p. 260 (1901).

The eggs of the Java Fantail Flycatcher have the ground-colour in some specimens white, in others yellowish buff. The zone is generally well-marked. They measure from ·7 to ·75 in length, and from ·54 to ·57 in breadth.

| | | |
|---|---|---|
| 3. | Labuan, Borneo. | Sir Hugh Low [C.]. |
| 2. | Labuan, 23rd March. | Sir Hugh Low [C.]. |
| 2. | Labuan (*Sir Hugh Low*). | Crowley Bequest. |
| 2. | Lawas, Borneo, 8th April (*J. Whitehead*). | Crowley Bequest. |

## **Rhipidura nigritorquis**, *Vig.*

(Plate VIII. fig. 19.)

Rhipidura nigritorquis, *Sharpe, Cat. Birds B. M.* iv. p. 334 (1879); *Steere, List Birds & Mamm. Philip.* p. 15 (1890); *Grant & Whitehead, Ibis*, 1898, p. 236; *Nehrk. Kat. Eiersamml.* p. 28 (1899); *Sharpe, Hand-l.* iii. p. 261 (1901).

The eggs of the Black-necked Fantail Flycatcher in the Collection have the ground of a pale cream-colour, and the markings chiefly confined to an irregular zone round the broad end. They measure from ·68 to ·74 in length, and from ·52 to ·57 in breadth.

| | | |
|---|---|---|
| 2. | Marinduque, Philippines, 8th May. | Steere Exped. |
| 3. | Marinduque, 12th May. | Steere Exped. |
| 1. | Cebu (*Kock*). | Crowley Bequest. |
| 1. | Luzon (*Schadenberg*). | Crowley Bequest. |

### **Rhipidura pectoralis** (*Jerd.*).

Rhipidura pectoralis, *Sharpe, Cat. Birds B. M.* iv. p. 335 (1879); *Oates, Fauna Brit. Ind., Birds,* ii. p. 55 (1890); *id. ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 38 (1890); *Nehrk. Kat. Eiersamml.* p. 29 (1899); *Sharpe, Hand-l.* iii. p. 261 (1901).

The eggs of the White-spotted Fantail Flycatcher vary in ground-colour from white to pale creamy buff, and are marked at the broad end with a more or less well-defined zone. They measure from ·65 to ·7 in length, and from ·47 to ·5 in breadth.

| | | |
|---|---|---|
| 3. | Dhubir, Khandesh, India, 10th June. | Hume Coll. |
| 2. | Honsoor, Mysore, 25th June (*J. Macpherson*). | Hume Coll. |
| 1. | Kotagherry, Nilghiri Hills, 22nd May (*Miss Cockburn*). | Hume Coll. |
| 1. | Kotagherry, 26th May (*Miss Cockburn*). | Hume Coll. |

### **Rhipidura albifrontata**, *Frankl.*

Rhipidura albifrontata, *Sharpe, Cat. Birds B. M.* iv. p. 338 (1879); *Legge, Birds Ceylon,* p. 412 (1879); *Oates, Fauna Brit. Ind., Birds,* ii. p. 52 (1890); *id. ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 31 (1890); *Nehrk. Kat. Eiersamml.* p. 29 (1899); *Sharpe, Hand-l.* iii. p. 261 (1901).

The eggs of the White-browed Fantail Flycatcher are very uniform, the ground varying from white in some specimens to various shades of cream-colour, or pale brownish yellow in others. The markings are almost entirely confined to a broad zone round the larger end. Examples measure from ·6 to ·68 in length, and from ·47 to ·54 in breadth.

| | | |
|---|---|---|
| 1. | India. | Crowley Bequest. |
| 1. | Delhi, 8th July (*C. T. Bingham*). | Hume Coll. |
| 1. | N.W. Provinces, 27th March (*W. E. Brooks*). | Crowley Bequest. |
| 2. | Agra, 30th July. | Hume Coll. |
| 2. | Baraitch, May. | Hume Coll. |
| 1. | Mirzapur (*W. E. Brooks: Tristram Coll.*). | Crowley Bequest. |
| 2. | Allahabad, 3rd July (*A. O. Hume*). | Hume Coll. |
| 9. | Allahabad, 17th July (*A. O. H.*). | Hume Coll. |
| 1. | Deesa, 22nd July (*E. A. Butler*). | Hume Coll. |
| 2. | Jhansi, July (*F. R. Blewitt*). | Hume Coll. |
| 2. | Jhansi, Aug. (*F. R. B.*). | Hume Coll. |
| 2. | Saugor, C. Provs., 24th July (*F. R. B.*). | Hume Coll. |

| | | |
|---|---|---|
| 3. | Saugor, 28th July (*F. R. B.*). | Hume Coll. |
| 5. | Raipur, C. Provs. | Hume Coll. |
| 2. | Raipur, 20th June. | Hume Coll. |

### **Rhipidura tricolor** (*Vieill.*).

(Plate VIII. fig. 20.)

Sauloprocta motacilloides, *Gould, Handb. Birds Austr.* i. p. 244 (1865); *North, Nests & Eggs Austr. Birds,* p. 88 (1889).
Sauloprocta picata, *Gould, tom. cit.* p. 246.
Rhipidura tricolor, *Sharpe, Cat. Birds B. M.* iv. p. 339 (1879); *Le Souëf, Vict. Nat.* xvi. p. 65 (1899); *Nehrk. Kat. Eiersamml.* p. 29 (1899); *Campbell, Nests & Eggs Austr. Birds,* i. p. 116, pl. 8 (1901); *Sharpe, Hand-l.* iii. p. 261 (1901).
Sauloprocta melaleuca, *Layard, Ibis,* 1880, p. 296.

The eggs of the Black-and-White Fantail Flycatcher are of a creamy-buff colour, and the markings forming the zone are, in many cases, very dark. They measure from ·76 to ·81 in length, and from ·54 to ·6 in breadth.

| | | |
|---|---|---|
| 1. | Australia. | Salvin-Godman Coll. |
| 2. | Queensland. | Gould Coll. |
| 3. | Dawson River, Queensland, 8th Oct. | Crowley Bequest. |
| 4. | New South Wales. | Gould Coll. |
| 3. | New South Wales. | Gould Coll. |
| 3. | Dobroyde, N.S.W., Oct. (*E. P. Ramsay*). | Crowley Bequest. |
| 2. | Dobroyde, Oct. (*E. P. Ramsay: Tristram Coll.*). | Crowley Bequest. |
| 3. | Liverpool, N.S.W., 16th Sept. (*A. J. North*). | Crowley Bequest. |
| 2. | South Australia (*G. F. Angas*). | Gould Coll. |
| 3. | South Australia. | Gould Coll. |
| 3. | Burra Creek, Australia, 15th Oct. | E. S. Moulden, Esq. [P.]. |
| 1. | Amboina. | Crowley Bequest. |
| 2. | New Britain (*E. L. Layard: Tristram Coll.*). | Crowley Bequest. |

## Genus **ZEOCEPHUS**, *Bp.*

### **Zeocephus rufus** (*Gray*).

Zeocephus rufus, *Sharpe, Cat. Birds B. M.* iv. p. 343 (1879); *Grant & Whitehead, Ibis,* 1898, p. 235, pl. v. fig. 4; *Nehrk. Kat. Eiersamml.* p. 29 (1899); *Sharpe, Hand-l.* iii. p. 262 (1901).

The eggs of the Chestnut Flycatcher in the Collection are of a regular oval form and exhibit a small amount of gloss. They are white, spotted and blotched with chestnut and lilac, chiefly at the broad end. They measure respectively: ·84 by ·62; ·83 by ·61; ·85 by ·62.

| | | |
|---|---|---|
| 3. | Cape Engaño, N.E. Luzon, 24th April. | J. Whitehead Esq. [C.]. |

## Genus TERPSIPHONE, *Gloger*.

### Terpsiphone paradisi (*Linn.*).

(Plate VIII. fig. 21.)

Terpsiphone paradisi, *Sharpe, Cat. Birds B. M.* iv. p. 346 (1879); *Legge, Birds Ceylon,* p. 404 (1879); *Oates, Fauna Brit. Ind., Birds,* ii. p. 45 (1890); *id. ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 22 (1890); *Nehrk. Kat. Eiersamml.* p. 29 (1899); *Sharpe, Hand-l.* iii. p. 263 (1901).

The eggs of the Indian Paradise Flycatcher are of a pointed oval form and exhibit a considerable amount of gloss. The ground-colour varies from pinkish white to salmon-pink, and this is spotted and speckled with chestnut, lilac and lavender. The markings, as a rule, are dense at the broad end and sparse elsewhere, but a few specimens are well marked even at the small end. The spots at the broad end often form an irregular zone.

Four examples from Delhi differ from the above in being white, with markings of very dark purplish brown, chocolate and lavender.

Specimens measure from ·75 to ·88 in length, and from ·57 to ·65 in breadth.

| | | |
|---|---|---|
| 4. | Delhi, India, 27th May (*C. T. Bingham*). | Hume Coll. |
| 2. | Delhi, 2nd June (*C. T. B.*). | Hume Coll. |
| 2. | Bareilly, N.W. Provs., 19th June (*W. E. Brooks: Tristram Coll.*). | Crowley Bequest. |
| 3. | Bareilly, 19th June (*A. O. Hume*). | Hume Coll. |
| 1. | Jhansi (*F. R. Blewitt*). | Hume Coll. |
| 6. | Raipur, C.Provs., June (*F. R. B.*). | Hume Coll. |
| 17. | Raipur, July (*F. R. B.*). | Hume Coll. |

### Terpsiphone affinis (*Blyth*).

Terpsiphone affinis, *Sharpe, Cat. Birds B. M.* iv. p. 349 (1879); *Oates, Fauna Brit. Ind., Birds,* ii. p. 47 (1890); *id. ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 26 (1890); *Nehrk. Kat. Eiersamml.* p. 29 (1899); *Sharpe, Hand-l.* iii. p. 263 ((1901).

The eggs of the Burmese Paradise Flycatcher very closely resemble those of *T. paradisi*. Six specimens measure from ·77 to ·86 in length, and from ·58 to ·64 in breadth.

| | | |
|---|---|---|
| 2. | Darjiling (*J. Gammie*). | Hume Coll. |
| 2. | Kussoom, Malay Peninsula, 3rd June. | Hume Coll. |
| 2. | Johore, Malay Peninsula, 16th March. | Hume Coll. |

### Terpsiphone incei (*Gould*).

Terpsiphone incii, *Sharpe, Cat. Birds B. M.* iv. p. 350 (1879); *Rickett, Ibis,* 1894, p. 221.

Terpsiphone incei, *Sharpe, Hand-l.* iii. p. 263 (1901).

The eggs of the Chinese Paradise Flycatcher are not separable from those of *T. paradisi.* They measure from ·72 to ·88 in length, and from ·55 to ·59 in breadth.

| | | |
|---|---|---|
| 4. | Foochow, China, 26th May. | C. B. Rickett, Esq. [P.]. |
| 3. | Foochow, 21st May. | C. B. Rickett, Esq. [P.]. |

## Terpsiphone mutata (*Linn.*).

Tchitrea pretiosa, *E. Newton, Ibis,* 1863, p. 347.
Terpsiphone mutata, *Sharpe, Cat. Birds B. M.* iv. p. 351 (1879); *Cowan, Proc. R. Phys. Soc. Edin.* vii. p. 148 (1882); *Milne-Edwards & Grandidier, Hist. Nat. Madag., Ois.* ii. p. 387, pl. 304. fig. 1 (1885); *Nehrk. Kat. Eiersamml.* p. 29 (1899); *Sharpe, Hand-l.* iii. p. 264 (1901).

Three eggs of the Madagascar Paradise Flycatcher, forming a clutch, are of a pale salmon-pink colour, densely speckled over the larger half with pale chestnut and lavender, and resemble many of the eggs of *T. paradisi.* Three eggs, forming another clutch, are of a pinkish-white colour, heavily blotched round the larger end, in the form of a broad and irregular zone, with brownish pink, lilac and lavender. Six examples measure from ·72 to ·76 in length, and from ·55 to ·57 in breadth.

| | | |
|---|---|---|
| 3. | Betsileo, Madagascar. | Rev. W. Deans Cowan [P.]. |
| 3. | Madagascar (*E. Newton: Tristram Coll.*). | Crowley Bequest. |

## Terpsiphone perspicillata, *Swains.*

Terpsiphone cristata, *Sharpe, ed. Layard's Birds S. Africa,* p. 352 (1875–84).
Terpsiphone perspicillata, *Sharpe, Cat. Birds B. M.* iv. p. 357 (1879); *Nehrk. Kat. Eiersamml.* p. 29 (1899); *Sharpe, Hand-l.* iii. p. 264 (1901); *Stark & Sclater, Fauna S. Africa, Birds,* ii. p. 261 (1901).

The eggs of the South-African Paradise Flycatcher in the Collection are of a narrow oval form, and do not differ from those of *T. paradisi.* They measure respectively: ·83 by ·54; ·8 by ·55; ·8 by ·55.

| | | |
|---|---|---|
| 3. | South Africa. | Purchased. |

## Terpsiphone princeps (*Temm.*).

Tchitrea princeps, *Blak. & Pryer, Ibis,* 1878, p. 234.
Terpsiphone princeps, *Sharpe, Cat. Birds B. M.* iv. p. 361 (1879); *Seebohm, Birds Japan. Emp.* p. 63 (1890); *Nehrk. Kat. Eiersamml.* p. 29 (1899); *Sharpe, Hand-l.* iii. p. 265 (1901).

The eggs of the Japanese Paradise Flycatcher in the Collection are of a regular oval form with a small amount of gloss. In coloration they are light salmon-pink or whitish-pink spotted with red and lilac, the spots being almost confined to the broader end, and, in the clutch from Ishigaki Island, forming a zone. They measure from ·78 to ·85 in length, and from ·59 to ·62 in breadth.

| | | |
|---|---|---|
| 4. | Ishigaki Isl., Liu-Kiu Islands, 1st June. | W. Radcliffe Saunders, Esq. [P.]. |
| 4. | Fuji, 2nd June. | W. Radcliffe Saunders, Esq. [P.]. |

## Genus **RHINOMYIAS**, *Sharpe.*

### **Rhinomyias pectoralis** (*Salvad.*).

(Plate IX. fig. 2.)

Rhinomyias pectoralis, *Sharpe, Cat. Birds B. M.* iv. p. 368 (1879); *id. Ibis,* 1889, p. 201; *id. Hand-l.* iii. p. 266 (1901).

The eggs of the Pectoral Flycatcher are of a broad oval form and moderately glossy. They are of a pale greyish-green colour, densely mottled all over with pale rufous grey and lavender. Three examples measure respectively: ·72 by ·55; ·67 by ·55; ·71 by ·55.

| | | |
|---|---|---|
| 3. | Mt. Kina Balu, Borneo, Feb. (*J. Whitehead*). | Crowley Bequest. |

### **Rhinomyias albigularis**, *Bourns & Worcester.*

Rhinomyias albigularis, *Bourns & Worcester, Occ. Papers Minn. Acad. Nat. Sci.* i. p. 27 (1894); *Grant & Whitehead, Ibis,* 1898, p. 237, pl. v. fig. 3; *Sharpe, Hand-l.* iii. p. 267 (1901).

One of the eggs of the White-throated Flycatcher in the Collection is of an elliptical, the other of a blunt oval form, and both are glossy. The ground, hardly any of which is distinctly visible, appears to be of a reddish cream-colour, and it is very thickly mottled and clouded all over with reddish brown. The two specimens measure respectively: ·89 by ·65; ·87 by ·65.

| | | |
|---|---|---|
| 2. | Canloan Volcano, Central Negros, Philippines, 21st March. | J. Whitehead, Esq. [C.]. |

### **Rhinomyias gularis**, *Sharpe.*

(Plate IX. fig. 1.)

Rhinomyias gularis, *Sharpe, Ibis,* 1888, p. 385; 1889, p. 201; *id. Hand-l.* iii. p. 267 (1901).

The eggs of the White-throated Flycatcher in the Collection are of a blunt oval form and slightly glossy. They are of a pale greyish-green colour, freckled all over with pale brownish chestnut, the markings also forming an indistinct band of brighter colour round the broad end. Two examples measure respectively: ·9 by ·62; ·9 by ·65.

| | | |
|---|---|---|
| 2. | Mt. Kina Balu, Borneo, 13th March (*J. Whitehead*). | Crowley Bequest. |

## Genus **CULICICAPA**, *Swinh.*

### **Culicicapa ceylonensis** (*Swains.*).

(Plate IX. fig. 6.)

Culicicapa ceylonensis, *Sharpe, Cat. Birds B. M.* iv. p. 369 (1879); *id. Ibis,* 1889, p. 202; *Legge, Birds Ceylon,* p. 410 (1879); *Oates ed. Hume, Nests & Eggs Ind. Birds,* ii. p. 16 (1890); *Sharpe, Hand-l.* iii. p. 268 (1901).

The eggs of the Grey-headed Flycatcher are of a broad oval form and moderately glossy. They are cream-coloured, blotched and clouded with pale brown and dark lavender-grey, densely over the larger half of the egg where the markings assume the form of a broad and more or less well-defined zone, and sparingly elsewhere. On the whole, they resemble the common type of egg of the *Rhipidura* group. They measure from ·58 to ·65 in length, and from ·46 to ·5 in breadth.

| | | |
|---|---|---|
| 2. | Sikhim, 10th June (*J. Gammie*). | Hume Coll. |
| 7. | Nilghiri Hills. | Hume Coll. |
| 2. | Kotagherry, Nilghiri Hills, 30th April (*Miss Cockburn*). | Hume Coll. |
| 2. | Ootacamund, 1st May. | Hume Coll. |
| 2. | Mount Kina Balu, Borneo, 29th April (*J. Whitehead*: with an egg of *Hierococcyx fugax*). | Crowley Bequest. |

## Genus **MYIAGRA**, *Vig. & Horsf.*

### **Myiagra nitida**, *Gould.*

Myiagra nitida, *Gould, Handb. Birds Austr.* i. p. 255 (1865); *Sharpe, Cat. Birds B. M.* iv. p. 375 (1879); *North, Nests & Eggs Austr. Birds,* p. 94 (1889); *Campbell, Nests & Eggs Austr. Birds,* i. p. 121, pl. 9 (1901); *Sharpe, Hand-l.* iii. p. 268 (1901).

The eggs of the Satin Flycatcher are of an ordinary oval shape and slightly glossy. Two specimens in the Collection are white, spotted and blotched with umber-brown and purplish grey in a well-defined zone round the large end. A third specimen is also white, but the zone is barely indicated, the markings being pale brown and lavender and distributed more or less over the whole shell. Three examples measure respectively: ·83 by ·6; ·8 by ·6; ·73 by ·57.

| | | |
|---|---|---|
| 2. | Tasmania (*E. D. Atkinson*). | Crowley Bequest. |
| 1. | Tasmania (*E. D. A.*). | Crowley Bequest. |

## **Myiagra vanicorensis** (*Q. & G.*).

(Plate IX. fig. 3.)

Myiagra castaneiventris, *Finsch & Hartl. Fauna Central-Polyn.* p. 95, tab. xiv. fig. 6 (1867); *Layard, P. Z. S.* 1875, p. 435.
Myiagra rufiventris, *Sharpe, Cat. Birds B. M.* iv. p. 376 (1879); *Nehrk. Kat. Eiersamml.* p. 29 (1899).
Myiagra vanicorensis, *Sharpe, Hand-l.* iii. p. 269 (1901).

The eggs of the Fiji-Islands Flycatcher are of a broad oval shape and slightly glossy. They are creamy white, spotted and blotched with purplish brown and lavender. The markings are chiefly confined to the broad end of the egg, where they form a more or less confluent and well-defined zone. They measure from ·73 to ·78 in length, and from ·54 to ·6 in breadth.

Messrs. Finsch & Hartlaub state that the egg of this Flycatcher is plain blue, and so figure it. Layard also formerly stated that he was informed that the eggs were blue, but Herr Nehrkorn rightly notes that they resemble the eggs of the Shrikes in general character.

| | | |
|---|---|---|
| 2. | Fiji Islands. | F. M. Rayner, Esq. [P.]. |
| 5. | Fiji Islands (*Tristram Coll.*). | Crowley Bequest. |
| 2. | Fiji Islands (*E. L. Layard: Tristram Coll.*). | Crowley Bequest. |
| 2. | Fiji Islands. | Crowley Bequest. |

## **Myiagra melanura,** *Gray.*

Myiagra melanura, *Sharpe, Cat. Birds B. M.* iv. p. 379 (1879); *Nehrk. Kat. Eiersamml.* p. 29 (1899); *Sharpe, Hand-l.* iii. p. 269 (1901).

The eggs of the New-Hebrides Flycatcher in the Collection resemble those of *M. vanicorensis.* Two examples measure respectively: ·78 by ·6; ·8 by ·6.

| | | |
|---|---|---|
| 2. | New Hebrides, 20th Oct. (*J. G. Paton: Tristram Coll.*). | Crowley Bequest. |

## **Myiagra pluto,** *Finsch.*

(Plate IX. fig. 4.)

Myiagra pluto, *Sharpe, Cat. Birds B. M.* iv. p. 380 (1879); *Nehrk. Kat. Eiersamml.* p. 29 (1899); *Sharpe, Hand-l.* iii. p. 270 (1901).

An egg of the Black Flycatcher in the Collection is of a very blunt oval, or nearly elliptical, shape and exhibits a small amount of gloss. It is white, speckled and spotted, chiefly at the broad end, with greyish brown, lilac and lavender. It measures ·86 by ·65.

| | | |
|---|---|---|
| 1. | Ponapé, Caroline Islands, 12th Jan. | Crowley Bequest. |

### Myiagra oceanica, *Jacq. & Pucher.*

(Plate IX. fig. 5.)

Myiagra oceanica, *Sharpe, Cat. Birds B. M.* iv. p. 383 (1879); *Nehrk. Kat. Eiersamml.* p. 30 (1899); *Hartert, Nov. Zool.* 1900, p. 5; *Sharpe, Hand-l.* iii. p. 271 (1901).

The eggs of the Oceanic Flycatcher in the Collection are of a blunt oval form and nearly devoid of all gloss. They are cream-coloured, marked, almost entirely, in the form of a well-defined zone round the broad end, with blotches and clouds of brown and lavender. They measure respectively: ·82 by ·61; ·83 by ·63; ·79 by ·62.

| | | |
|---|---|---|
| 1. | Caroline Islands (*Nehrkorn Coll.*). | Crowley Bequest. |
| 2. | Ruk Island, Caroline Islands, 10th May and 19th June (*Tring Museum*). | Crowley Bequest. |

## Genus **CRYPTOLOPHA**, *Swains.*

The eggs of the Flycatchers of this genus are of a broad oval shape, exhibit little or no gloss, and are of a plain white colour.

### Cryptolopha ricketti, *Slater.*

Cryptolopha ricketti, *Slater, Ibis,* 1897, p. 174; *La Touche, Ibis,* 1899, p. 425; *Sharpe, Hand-l.* iii. p. 272 (1901).

Two eggs of Rickett's Flycatcher-Warbler measure respectively: ·56 by ·45; ·62 by ·47.

| | | |
|---|---|---|
| 1. | Kuatun, Foh-kien, China, May. | J. D. La Touche, Esq. [P.]. |
| 1. | Kuatun, May (*J. D. La T.*). | C. B. Rickett, Esq. [P.]. |

### Cryptolopha xanthoschista (*Hodgs.*).

Cryptolopha xanthoschista, *Sharpe, Cat. Birds B. M.* iv. p. 398 (1879); *Oates, Fauna Brit. Ind., Birds,* i. p. 425 (1889); *id. ed. Hume, Nests & Eggs Ind. Birds,* i. p. 270 (1889); *Sharpe, Hand-l.* iii. p. 273 (1901).

The eggs of Hodgson's Grey-headed Flycatcher-Warbler measure from ·54 to ·63 in length, and from ·45 to ·5 in breadth.

| | | |
|---|---|---|
| 1. | N.W. Himalayas, 27th March (*W. E. Brooks: Tristram Coll.*). | Crowley Bequest. |
| 1. | Dharumsala, 10th April (*C. R. Cock*). | Hume Coll. |
| 3. | Sikhim (*J. Gammie*). | Hume Coll. |
| 2. | Sikhim, 27th March (*J. G.*). | Hume Coll. |
| 4. | Mongphoo, Darjiling (*J. G.*). | Hume Coll. |
| 1. | Mongphoo, 11th April (*J. G.*). | Hume Coll. |
| 3. | Lebong, Sikhim (*L. Mandelli*). | Hume Coll. |

### **Cryptolopha poliogenys** (*Blyth*).

Cryptolopha poliogenys, *Sharpe, Cat. Birds B. M.* iv. p. 403 (1879); *Oates, Fauna Brit. Ind., Birds,* i. p. 426 (1889); *id. ed. Hume, Nests & Eggs Ind. Birds,* i. p. 272 (1889); *Sharpe, Hand-l.* iii. p. 274 (1901).

The eggs of the Grey-cheeked Flycatcher-Warbler in the Collection measure respectively: ·66 by ·5; ·66 by ·49.

| | |
|---|---|
| 2. Mongphoo, Darjiling, 8th May (*J. Gammie*). | Hume Coll. |

### **Cryptolopha sinensis**, *Rickett*.

Cryptolopha sinensis, *Rickett, Bull. B. O. C.* vii. p. xxxvi (1898); *La Touche, Ibis,* 1899, p. 426; *Sharpe, Hand-l.* iii. p. 274 (1901).

The eggs of the Chinese Flycatcher-Warbler measure from ·53 to ·56 in length, and from ·41 to ·43 in breadth.

| | |
|---|---|
| 1. Kuatun, Foh-kien, China, May (*J. D. La T.*). | J. D. La Touche, Esq. [P.]. |
| 2. Kuatun, 23rd April (*J. D. La T.*). | C. B. Rickett, Esq. [P.]. |
| 1. Kuatun, May (*J. D. La T.*). | C. B. Rickett, Esq. [P.]. |
| 5. Kuatun, 15th May (*J. D. La T.*). | C. B. Rickett, Esq. [P.]. |
| 3. Kuatun, 15th May (*J. D. La T.*). | C. B. Rickett, Esq. [P.]. |
| 2. Kuatun, 22nd May (*J. D. La T.*). | C. B. Rickett, Esq. [P.]. |

## Genus **ABRORNIS**, *Hodgs.*

The eggs of the Flycatchers of this genus are of a broad oval shape and exhibit but little gloss. They are pinkish white in some cases, greenish white in others, and they are densely mottled and blotched with chestnut and lilac, especially at the broad end, where the markings are often confluent and form an imperfect cap or zone. The eggs of the different species are closely alike.

### **Abrornis schisticeps**, *Hodgs.*

(Plate IX. fig. 7.)

Cryptolopha schisticeps, *Sharpe, Cat. Birds B. M.* iv. p. 400 (1879).
Abrornis schisticeps, *Oates, Fauna Brit. Ind., Birds,* i. p. 430 (1889); *id. ed. Hume, Nests & Eggs Ind. Birds,* i. p. 274 (1889); *Sharpe, Hand-l.* iii. p. 275 (1901).

The eggs of the Black-faced Flycatcher-Warbler in the Collection measure respectively: ·56 by ·44; ·56 by ·45; ·55 by ·43.

| | |
|---|---|
| 3. Mongphoo, Darjiling, 26th May (*J. Gammie*). | Hume Coll. |

### Abrornis superciliaris, *Tick.*

Cryptolopha superciliaris, *Sharpe, Cat. Birds B. M.* iv. p. 402 (1879); *Nehrk. Kat. Eiersamml.* p. 30 (1899).
Abrornis superciliaris, *Oates, Fauna Brit. Ind., Birds,* i. p. 429 (1889); *id. ed. Hume, Nests & Eggs Ind. Birds,* i. p. 273 (1889); *Sharpe, Hand-l.* iii. p. 275 (1901).

An egg of the Yellow-bellied Flycatcher-Warbler measures ·63 by ·43.

| | | |
|---|---|---|
| 1. | Mongphoo, Darjiling, 5th June (*J. Gammie*). | Hume Coll. |

### Abrornis albigularis, *Moore.*

Cryptolopha albigularis, *Sharpe, Cat. Birds B. M.* iv. p. 405 (1879).
Abrornis albigularis, *Oates, Fauna Brit. Ind., Birds,* i. p 430 (1889); *id. ed. Hume, Nests & Eggs Ind. Birds,* i. p. 275 (1889); *Sharpe, Hand-l.* iii. p. 276 (1901).

An egg of the White-throated Flycatcher-Warbler measures ·55 by ·43.

| | | |
|---|---|---|
| 1. | Assam, 6th July (*J. R. Cripps*). | Hume Coll. |

### Abrornis fulvifacies, *Swinh.*

Cryptolopha fulvifacies, *Sharpe, Cat. Birds B. M.* iv. p. 406 (1879); *La Touche, Ibis,* 1899, p. 428.
Abrornis fulvifacies, *Sharpe, Hand-l.* iii. p. 276 (1901).

The eggs of Swinhoe's Flycatcher-Warbler measure from ·5 to ·55 in length, and from ·4 to ·45 in breadth.

| | | |
|---|---|---|
| 4. | Kuatun, Foh-kien, China, 7th May (*J. D. La T.*). | J. D. La Touche, Esq. [P.]. |
| 5. | Kuatun, 5th May (*J. D. La T.*). | C. B. Rickett, Esq. [P.]. |
| 4. | Kuatun (*J. D. La T.*). | C. B. Rickett, Esq. [P.]. |
| 2. | Kuatun (*J. D. La T.*). | C. B. Rickett, Esq. [P.]. |

## Genus **SISURA**, *Vig. & Horsf.*

### Sisura inquieta (*Lath.*).

Seisura inquieta, *Gould, Handb. Birds Austr.* i. p. 246 (1865); *Ramsay, Proc. Phil. Soc. N.S. W.* 1865, p. 325, pl. i. fig. 6; *North, Nests & Eggs Austr. Birds,* p. 89 (1889).
Sisura inquieta, *Sharpe, Cat. Birds B. M.* iv. p. 407 (1879); *Nehrk. Kat. Eiersamml.* p. 30 (1899); *Campbell, Nests & Eggs Austr. Birds,* i. p. 124, pl. 9 (1901); *Sharpe, Hand-l.* iii. p. 277 (1901).

The eggs of the Restless Flycatcher are of a blunt oval form and exhibit a small amount of gloss. They are cream-coloured, marked, chiefly in a very broad zone round the large end, with more or less confluent spots and blotches of umber-brown and lavender-grey. They measure from ·77 to ·9 in length, and from ·58 to ·67 in breadth.

| | | |
|---|---|---|
| 3. | Dawson River, Queensland, 23rd Aug. (*North Coll.*). | Crowley Bequest. |
| 2. | Dobroyde, N.S.W. (*E. P. Ramsay: Tristram Coll.*). | Crowley Bequest. |
| 2. | Wimmera, Victoria, 28th Nov. (*A. J. North*). | Crowley Bequest. |
| 2. | Victoria. | Govt. of Victoria [P.]. |

## Genus PIEZORHYNCHUS, *Gould.*

### Piezorhynchus chalybeocephalus (*Garn.*).

(Plate IX. fig. 8.)

Monarcha alecto, *Layard, Ibis,* 1880, p. 296.
Piezorhynchus alecto, *Sharpe, Cat. Birds B. M.* iv. p. 415 (1879); *Nehrk. Kat. Eiersamml.* p. 30 (1899).
Piezorhynchus chalybeocephalus, *Sharpe, Hand-l.* iii. p. 278 (1901).

The eggs of Garnot's Flycatcher are of a broad oval shape and but very slightly glossy. They are greenish-white, marked, chiefly in the form of a broad band round the larger end of the egg, with spots and small blotches of pale olive-brown and lavender-grey. They measure from ·8 to ·9 in length, and from ·6 to ·66 in breadth.

| | | |
|---|---|---|
| 5. | Duke-of-York Island (*E. L. Layard: Tristram Coll.*). | Crowley Bequest. |
| 2. | Fergusson Island, 18th Nov. (*A. S. Meek*). | Crowley Bequest. |
| 3. | Bowen Island. | Crowley Bequest. |
| 3. | [New Guinea.] | Crowley Bequest. |

### Piezorhynchus nitidus, *Gould.*

Piezorhynchus nitidus, *Macgillivray, Voy. 'Rattlesnake,'* ii. p. 357 (1852); *Gould, Handb. Birds Austr.* i. p. 249 (1865); *Sharpe, Cat. Birds B. M.* iv. p. 416 (1879); *North, Nests & Eggs Austr. Birds,* p. 90 (1889); *Campbell, Nests & Eggs Austr. Birds,* i. p. 129, pl. 9 (1901); *Sharpe, Hand-l.* iii. p. 278 (1901).

The eggs of the Shining Flycatcher in the Collection are of an oval form and almost devoid of gloss. They are greyish white, speckled, spotted and blotched with olive-brown and underlying lavender. The markings are chiefly confined to the broad end, where they form an irregular zone. Two specimens measure respectively: ·85 by ·58; ·83 by ·65.

| | | |
|---|---|---|
| 1. | Cape York, Australia (*Capt. Stanley*). | Voy. H.M.S. 'Rattlesnake.' |
| 1. | Port Essington, Australia (*Wilson*). | Gould Coll. |

### **Piezorhynchus nigrimentum** (*Gray*).

Piezorhynchus nigrimentum, *Sharpe, Cat. Birds B. M.* iv. p. 418 (1879); *Nehrk. Kat. Eiersamml.* p. 30, taf. ii. fig. 11 (1899); *Sharpe, Hand-l.* iii. p. 279 (1901).

The eggs of the Black-chinned Flycatcher and those of the following four species of this genus (*P. gouldi*, *P. verticalis*, *P. guttulatus*, *P. loricatus*) resemble each other closely and cannot be separated by any character. They are of a regular oval shape and almost devoid of all gloss. The ground-colour is white or pinkish white, and this is very thickly speckled, especially at the broad end, with bright chestnut and lavender. In many examples the markings form a well-marked zone round the broad end. Two eggs of the present species measure respectively: ·85 by ·62; ·85 by ·61.

| | | |
|---|---|---|
| 1. | Amboina (*Nehrkorn Coll.*). | Crowley Bequest. |
| 1. | Amboina. | Crowley Bequest. |

### **Piezorhynchus gouldi** (*Gray*).

Monarcha trivirgata, *Gould, Handb. Birds Austr.* i. p. 263 (1865); *Ramsay, Ibis*, 1868, p. 271,

Piezorhynchus gouldi, *Sharpe, Cat. Birds B. M.* iv. p. 419 (1879); *North, Nests & Eggs Austr. Birds*, i. p. 90 (1889); *Robinson & Laverock, Ibis*, 1900, p. 629; *Sharpe, Hand-l.* iii. p. 279 (1901).

Monarcha gouldi, *Campbell, Nests & Eggs Austr. Birds*, i. pp. 130, 131, pl. 9 (1901).

Three eggs of the White-bellied Flycatcher measure respectively: ·85 by ·6; ·83 by ·59; ·77 by ·54. They resemble closely those of the preceding species.

| | | |
|---|---|---|
| 2. | Cape York, N. Australia. | Gould Coll. |
| 1. | New South Wales, Dec. | Gould Coll. |

### **Piezorhynchus verticalis**, *Sclater*.

(Plate IX. fig. 10.)

Monarcha verticalis, *Layard, Ibis*, 1880, p. 294.

Piezorhynchus verticalis, *Sharpe, Cat. Birds B. M.* iv. p. 422 (1879); *Nehrk. Kat. Eiersamml.* p. 30 (1899); *Sharpe, Hand-l.* iii. p. 280 (1901).

Four eggs of the Duke-of-York-Island Flycatcher measure respectively: ·92 by ·63; ·88 by 64; ·9 by ·65; ·9 by ·61. They have the same type of coloration as those of *P. nigrimentum*.

| | | |
|---|---|---|
| 4. | Duke-of-York Island (*E. L. Layard*: *Tristram Coll.*). | Crowley Bequest. |

### **Piezorhynchus guttulatus** (*Garn.*).

Piezorhynchus guttulatus, *Sharpe, Cat. Birds B. M.* iv. p. 422 (1879); *id. Hand-l.* iii. p. 280 (1901).

An egg of the Spotted-wing Flycatcher measures ·85 by ·6. In coloration it resembles the eggs of *P. nigrimentum.*

1. Fergusson Island, Dentrecasteaux group, 15th Dec. (*A. S. Meek*). Crowley Bequest.

### Piezorhynchus loricatus (*Wall.*).

Piezorhynchus loricatus, *Sharpe, Cat. Birds B. M.* iv. p. 425 (1879); *id. Hand-l.* iii. p. 281 (1901).

The single egg of Wallace's Flycatcher in the Collection measures ·89 by ·65. In colour it resembles eggs of *P. nigrimentum.*

1. Island of Buru, Moluccas. Dr. H. O. Forbes [P.].

## Genus **MONARCHA**, *Vig. & Horsf.*

### Monarcha melanopsis (*Vieill.*).

Monarcha carinata, *Gould, Handb. Birds Austr.* i. p. 262 (1865); *Ramsay, Ibis,* 1865, p. 302.
Monarcha melanopsis, *North, Nests & Eggs Austr. Birds,* p. 96 pl. ix, fig. 9 (1889); *Campbell, Nests & Eggs Austr. Birds,* i. p. 132 (1901); *Sharpe, Hand-l.* iii. p. 283 (1901).

The eggs of the Black-faced Flycatcher in the Collection resemble those of *Piezorhynchus nigrimentum.* Two examples measure respectively; ·84 by ·58; 73 by 58.

2. Australia, 14th Jan. Crowley Bequest.

## Genus **STOPAROLA**, *Blyth.*

The eggs of the Flycatchers of this genus are of a broad oval shape, more or less pointed at the smaller end, and they exhibit a considerable amount of gloss. They vary in ground-colour from pure white to pinkish white and pale salmon-pink. Some few examples are quite devoid of markings; others are freckled with very pale rufous; and others, the majority, have a clouded zone or cap of chestnut specks at the broad end. The eggs of the various species resemble each other closely.

### Stoparola indigo (*Horsf.*).

Stoparola indigo, *Sharpe, Cat. Birds B. M.* iv. p. 436 (1879); *Nehrk. Kat. Eiersamml.* p. 30 (1899); *Sharpe, Hand-l.* iii. p. 285 (1901).

The eggs of the Javan Blue Flycatcher in the Collection are feebly marked with rufous at the broad end, and measure respectively: ·82 by ·59; ·87 by ·57.

| | | |
|---|---|---|
| 2. | Java, 10th May. | Crowley Bequest. |

## Stoparola albicaudata (*Jerd.*).

(Plate IX. fig. 11.)

Stoparola albicaudata, *Sharpe, Cat. Birds B. M.* iv. p. 437 (1879); *Oates, Fauna Brit. Ind., Birds*, ii. p. 30 (1890); *id. ed. Hume, Nests & Eggs Ind. Birds*, ii. p. 11 (1890); *Nehrk. Kat. Eiersamml.* p. 30 (1899); *Sharpe, Hand-l.* iii. p. 285 (1901).

The eggs of the Nilghiri Blue Flycatcher measure from ·75 to ·88 in length, and from ·55 to ·62 in breadth.

| | | |
|---|---|---|
| 3. | Nilghiri Hills, S. India, 1st March. | Hume Coll. |
| 2. | Nilghiri Hills, April. | Hume Coll. |
| 2. | Nilghiri Hills. | Hume Coll. |
| 3. | Nilghiri Hills. | Crowley Bequest. |
| 3. | Coonoor, Nilghiri Hills, March. | Hume Coll. |
| 7. | Coonoor, 27th March. | Hume Coll. |
| 1. | Coonoor, April (*W. Davison*). | Hume Coll. |
| 1. | Kotagherry, Nilghiri Hills, 12th March (*Miss Cockburn*). | Hume Coll. |
| 2. | Kotagherry, 15th April (*Miss Cockburn*). | Hume Coll. |
| 2. | Kotagherry, 4th May (*Miss Cockburn*). | Hume Coll. |
| 1. | Kotagherry, 10th May (*Miss Cockburn*). | Hume Coll. |
| 1. | Kotagherry, 22nd May (*Miss Cockburn*). | Hume Coll. |
| 3. | Curzon, Nilghiri Hills, 16th April. | Hume Coll. |
| 1. | Curzon, 17th April. | Hume Coll. |

## Stoparola melanops (*Vig.*).

Stoparola melanops, *Sharpe, Cat. Birds B. M.* iv. p. 438 (1879); *Oates, Fauna Brit. Ind., Birds*, ii. p. 28 (1890); *id. ed. Hume, Nests & Eggs Ind. Birds*, ii. p. 9 (1890); *Nehrk. Kat Eiersamml.* p. 30 (1899); *Sharpe, Hand-l.* iii. p. 285 (1901).

The eggs of the Verditer Flycatcher measure from ·72 to ·82 in length, and from ·53 to ·6 in breadth.

| | | |
|---|---|---|
| 1. | Dhurumsala, Himalayas, 20th March (*C. R. Cock*). | Hume Coll. |
| 3. | Dhurumsala, 15th May (*C. R. C.*). | Hume Coll. |
| 2. | Simla, April. | Hume Coll. |
| 2. | Mussoori (*T. Hutton*). | Hume Coll. |
| 1. | Almora, 25th May. | Hume Coll. |
| 2. | Almora, 19th April (*W. E. Brooks; Tristram Coll.*). | Crowley Bequest. |

| | | |
|---|---|---|
| 31. | Mongphoo, Sikhim (*J. Gammie*). | Hume Coll. |
| 4. | Darjiling, 19th April. | Hume Coll. |
| 3. | Darjiling, May. | Hume Coll. |

### **Stoparola sordida** (*Walden*).

Stoparola sordida, *Sharpe, Cat. Birds B. M.* iv. p. 440 (1879); *Legge, Birds Ceylon,* p. 419 (1879); *Oates, Fauna Brit. Ind., Birds,* ii. p. 29 (1890); *id. ed Hume, Nests & Eggs Ind. Birds,* ii. p. 11 (1890); *Sharpe, Hand-l.* iii. p. 286 (1901).

The eggs of the Dusky Blue Flycatcher in the Collection are profusely freckled with rufous. They measure ·82 by ·59; ·84 by ·59 respectively.

| | | |
|---|---|---|
| 2. | Ceylon, 3rd May (*A. L. Butler*). | Crowley Bequest. |

# Family CAMPOPHAGIDÆ.

## Genus **PTEROPODOCYS**, *Gould*.

### **Pteropodocys phasianella** (*Gould*).

Pteropodocys phasianella, *Gould, Handb. Birds Austr.* i. p. 199 (1865); *Sharpe, Cat. Birds B. M.* iv. p. 22 (1879); *Ramsay, Proc. Linn. Soc. N.S.W.* vii. p. 47, pl. 3. fig. 1 (1882); *North, Nests & Eggs Austr. Birds,* p. 76, pl. ix. fig. 2 (1889); *Nehrk. Kat. Eiersamml.* p. 22 (1899); *Campbell, Nests & Eggs Austr. Birds,* i. p. 95, pl. 7 (1901); *Sharpe, Hand-l.* iii. p. 290 (1901).

The eggs of the Ground Cuckoo-Shrike in the Collection are of a pointed oval shape and excessively glossy. One specimen is of an olive-green colour, faintly mottled here and there with a darker shade of the same tint. Another is of a dull olive-green colour, with a faint rufous wash over the larger end and a few dark specks. They measure respectively: 1·36 by ·92; 1·2 by ·96.

| | | |
|---|---|---|
| 1. | Australia (*E. P. Seymour*). | Crowley Bequest. |
| 1. | New South Wales, 19th Oct. (*North Coll.*). | Crowley Bequest. |

## Genus **GRAUCALUS**, *Cuv.*

### **Graucalus cinereus** (*P. L. S. Müll.*).

Graucalus cinereus, *Sharpe, Cat. Birds B. M.* iv. p. 28 (1879); *id. Hand-l.* iii. p. 291 (1901).
Campephaga cana, *Cowan, Proc. R. Phys. Soc. Edinb.* vii. p. 148 (1882).
Campephaga cinerea, *Milne-Edwards & Grandidier, Hist. Nat. Madag., Ois.* ii. p. 393, pl. 304. fig. 4 (1885).

The eggs of the Madagascar Cuckoo-Shrike are of a somewhat lengthened oval shape and exhibit but little gloss. They are of a pinkish-white colour, marked with spots and blotches of deep reddish and purplish brown and lavender, densely round the large end in the form of a broad and more or less confluent zone, sparsely elsewhere. They measure from 1·04 to 1·15 in length, and from ·7 to ·75 in breadth.

| | | |
|---|---|---|
| 5. | Betsileo, Madagascar. | Rev. W. Deans Cowan [P.]. |

### Graucalus melanops (*Lath.*).

Graucalus melanops, *Gould, Handb. Birds Austr.* i. p. 192 (1865); *Sharpe, Cat. Birds B. M.* iv. p. 30 (1879); *Buller, Birds New Zeal.* 2nd ed. p. 66 (1888); *North, Nests & Eggs Austr. Birds*, p. 74, pl. ix. fig. 4 (1889); *Nehrk. Kat. Eiersamml.* p. 22 (1899); *Le Souëf, Vict. Nat.* xvi. p. 64 (1899); *Campbell, Nests & Eggs Austr. Birds*, i. p. 96, pl. 7. (1901); *Sharpe, Hand-l.* iii. p. 291 (1901).

The eggs of the Black-faced Cuckoo-Shrike are of a regular oval shape and exhibit a considerable amount of gloss. The ground-colour varies from green, pale olive or pale olive-brown to greenish stone-colour and is spotted, blotched and streaked with umber-brown or chestnut-brown and lavender-grey. Specimens measure from 1·23 to 1·3 in length, and from ·87 to ·91 in breadth.

| | | |
|---|---|---|
| 1. | Australia. | Salvin-Godman Coll. |
| 2. | Australia (*E. P. Ramsay*). | Crowley Bequest. |
| 1. | Australia. | W. Radcliffe Saunders, Esq. [P.]. |
| 3. | West Australia. | Gould Coll. |
| 1. | Bell River, N.S.W. (*E. P. Ramsay: Tristram Coll.*). | Crowley Bequest. |
| 2. | Murray River, 4th Oct. | W. Radcliffe Saunders, Esq. [P.]. |
| 1. | Gippsland, Victoria. | F. A. Philbrick, Esq., K.C. [P.]. |
| 3. | Hastings, Western Point, Victoria, 18th Sept. (*North Coll.*). | Crowley Bequest. |
| 3. | Somerville, Victoria, 3rd Nov. | W. Radcliffe Saunders, Esq. [P.]. |
| 3. | Victoria. | Govt. of Victoria [P.]. |

### Graucalus parvirostris, *Gould*.

(Plate IX. fig. 9.)

Graucalus parvirostris, *Gould, Handb. Birds Austr.* i. p. 194 (1865); *Sharpe, Cat. Birds B. M.* iv. p. 32 (1879); *North, Nests & Eggs Austr. Birds*, p. 75 (1889); *Nehrk. Kat. Eiersamml.* p. 22 (1899); *Campbell, Nests & Eggs Austr. Birds*, i. p. 97 (1901); *Sharpe, Hand-l.* iii. p. 291 (1901).

The eggs of the Short-billed Cuckoo-Shrike are of quite the same character as those of *G. melanops*. Five examples measure respectively: 1·3 by ·83; 1·27 by ·9; 1·26 by ·87; 1·3 by ·88; 1·25 by ·89.

| | | |
|---|---|---|
| 2. | Tasmania (*C. Gould*). | Gould Coll. |
| 1. | Tasmania (*Wilson*). | Gould Coll. |
| 1. | Tasmania (*E. D. Atkinson*). | Crowley Bequest. |
| 1. | Tasmania (*W. H. Bignold*). | Crowley Bequest. |

## Graucalus macei, *Less.*

(Plate IX. fig. 12.)

Graucalus macei, *Sharpe, Cat. Birds B. M.* iv. p. 34 (1879); *Legge, Birds Ceylon,* p. 360 (1879); *Oates Fauna Brit. Ind., Birds,* i. p. 496 (1889); *id. ed. Hume, Nests & Eggs Ind. Birds,* i. p. 348 (1889); *Nehrk. Kat. Eiersamml.* p. 22 (1899); *Sharpe, Hand-l.* iii. p. 292 (1901).

The eggs of the Indian Cuckoo-Shrike are mostly of a lengthened and pointed oval form, and they have a considerable amount of gloss.

The coloration is of two distinct types. In one the ground is fawn-coloured, thickly spotted, streaked and blotched, pretty evenly all over, with brown, light chestnut and grey. In the second the ground is of a pale green colour, marked with clouds, small blotches and streaky spots of dark brown, yellowish-brown, and lavender. Specimens measure from 1·11 to 1·35 in length, and from ·8 to ·91 in breadth.

| | | |
|---|---|---|
| 1. | Sitapur, Oudh, 29th March. | Hume Coll. |
| 2. | Oudh Terai, 6th May. | Hume Coll. |
| 2. | Oudh Terai, 23rd May. | Hume Coll. |
| 2. | Allahabad. | Hume Coll. |
| 4. | Allahabad. | Hume Coll. |
| 3. | Allahabad, 5th July. | Hume Coll. |
| 1. | Saugor, Central Provinces (*F. R. Blewitt*). | Hume Coll. |
| 6. | Central India, 9th March (*R. C. Beavan; Tristram Coll.*). | Crowley Bequest. |
| 1. | India. | W. Radcliffe Saunders, Esq. [P.]. |

## Graucalus hypoleucus, *Gould.*

Graucalus hypoleucus, *Gould, Handb. Birds Austr.* i. p. 196 (1865); *Sharpe, Cat. Birds B. M.* iv. p. 36 (1879); *Ramsay, Proc. Linn. Soc. N.S.W.* vii. p. 408, pl. 3. fig. 11 (1882); *North, Nests & Eggs Austr. Birds,* p. 76, pl. ix. fig. 1 (1889); *Nehrk. Kat. Eiersamml.* p. 22 (1899); *Robinson & Laverock, Ibis,* 1900, p. 628; *Campbell, Nests & Eggs Austr. Birds,* i. p. 98 (1901); *Sharpe, Hand-l.* iii. p. 292 (1901).

The eggs of the White-bellied Cuckoo-Shrike resemble those of *G. melanops* and *G. parvirostris*, but are somewhat smaller. Six examples measure from 1·1 to 1·3 in length, and from ·77 to ·9 in breadth.

| | | |
|---|---|---|
| 2. | Dawson River, Queensland, 15th Sept. (*North Coll.*). | Crowley Bequest. |
| 2. | Dawson River, 22nd Oct. (*North Coll.*). | Crowley Bequest. |
| 2. | Dawson River, 6th Nov. (*North Coll.*). | Crowley Bequest. |

### Graucalus mentalis, *Vig. & Horsf.*

(Plate IX. fig. 13.)

Graucalus mentalis, *Gould, Handb. Birds Austr.* i. p. 195 (1865); *Sharpe, Cat. Birds B. M.* iv. p. 37 (1879); *North, Nests & Eggs Austr. Birds,* p. 75, pl. ix. fig. 3 (1889); *Le Souëf, Vict. Nat.* xvi. p. 64 (1899); *Campbell, Nests & Eggs Austr. Birds,* i. p. 98 (1901); *Sharpe, Hand-l.* iii. p. 293 (1901).

The egg of the Varied Cuckoo-Shrike in the Collection is of a regular oval form and has a considerable amount of gloss. It is of an olive-brown colour, thickly spotted and smeared with brown and lavender. At the broader end there are, in addition, a few deep reddish-brown spots. It measures 1·1 by ·82.

1. New South Wales (*Wilson*). Gould Coll.

### Graucalus lineatus (*Swains.*).

Graucalus swainsonii, *Gould, Handb. Birds Austr.* i. p. 197 (1865); *Le Souëf, Ibis,* 1896, p. 314.

Graucalus lineatus, *Sharpe, Cat. Birds B. M.* iv. p. 40 (1879); *Campbell, Nests & Eggs Austr. Birds,* i. p. 99, pl. 7 (1901); *Sharpe, Hand-l.* iii. p. 293 (1901).

An egg of the Barred Cuckoo-Shrike in the Collection is of a regular oval shape and almost devoid of all gloss. It is of a white colour, thickly spotted, in the form of a broad zone round the larger end of the egg, with umber-brown and lavender. The markings are small, round and well-defined. This specimen measures 1·13 by ·81.

1. New South Wales. Gould Coll.

## Genus **EDOLIISOMA**, *Jacq. & Pucher.*

### Edoliisoma cærulescens (*Blyth*).

Edoliisoma cærulescens, *Sharpe, Cat. Birds B. M.* iv. p. 44 (1879); *Grant & Whitehead, Ibis,* 1898, p. 235, pl. vi. fig. 3; *Sharpe, Hand-l.* iii. p. 294 (1901).

An egg of the Luzon Cuckoo-Shrike in the Collection is of a regular oval shape and almost entirely devoid of gloss. It is of a pale blue colour, speckled and dotted with dark umber-brown and underlying pale grey. The markings are very evenly distributed over the entire shell. It measures: 1·11 by ·81.

1. Benguet District, North-west Luzon, 14th March. J. Whitehead, Esq. [C.].

## Genus **VOLVOCIVORA**, *Hodgs.*

### **Volvocivora lugubris** (*Sundev.*).

(Plate IX. fig. 16.)

Campophaga lugubris, *Sharpe, Cat. Birds B. M.* iv. p. 65 (1879); *Nehrk. Kat. Eiersamml.* p. 23 (1899).
Campophaga melanoschista, *Oates, Fauna Brit. Ind., Birds,* i. p. 491 (1889); *id. ed. Hume, Nests & Eggs Ind. Birds,* i. p. 345 (1889).
Volvocivora lugubris, *Sharpe, Hand-l.* iii. p. 298 (1901).

The eggs of the Dark-grey Cuckoo-Shrike are of a regular oval shape and moderately glossy. They are of a white or greenish-white colour, very thickly streaked and blotched with dark brown and lavender-grey. They measure from ·9 to 1·02 in length, and from ·65 to ·71 in breadth.

| | | |
|---|---|---|
| 2. | Jerripani, Mussoori (*T. Hutton*). | Hume Coll. |
| 4. | Mongphoo, Darjiling (*J. Gammie*). | Hume Coll. |
| 2. | Mongphoo, 17th June (*J. G.*). | Hume Coll. |

### **Volvocivora melanoptera** (*Rüpp.*).

Campophaga melanoptera, *Sharpe, Cat. Birds B. M.* iv. p. 67 (1879); *Oates, Fauna Brit. Ind., Birds,* i. p. 492 (1889).
Volvocivora melanoptera, *Sharpe, Hand-l.* iii. p. 299 (1901).

The eggs of the Pale-grey Cuckoo-Shrike appear to be inseparable from those of *V. lugubris.* Three examples measure respectively: ·97 by ·69; ·95 by ·69; ·98 by ·7.

| | | |
|---|---|---|
| 3. | Foochow, China, 11th June. | C. B. Rickett, Esq. [P.]. |

## Genus **PERICROCOTUS**, *Boie.*

### **Pericrocotus speciosus** (*Lath.*).

(Plate IX. fig. 14.)

Pericrocotus speciosus, *Sharpe, Cat. Birds B. M.* iv. p. 71 (1879); *Oates, Fauna Brit. Ind., Birds,* i. p. 479 (1889); *id. ed. Hume, Nests & Eggs Ind. Birds,* i. p. 335 (1889); *Sharpe, Hand-l.* iii. p. 299 (1901).

The eggs of the Indian Scarlet Minivet are of an extremely broad oval form and almost devoid of all gloss. They are greyish white, speckled and spotted with pale brown and lavender, chiefly at the broad end, where the markings are larger and more or less confluent. Four examples measure respectively: ·88 by ·71; ·94 by ·66; ·86 by ·68; ·85 by ·67.

| | | |
|---|---|---|
| 3. | Jerripani, Mussoori (*T. Hutton*). | Hume Coll. |
| 1. | Dehra Dhoon, N.W. Provinces, (*T. H.*). | Hume Coll. |

## **Pericrocotus flammeus** (*Forst.*).

Pericrocotus flammeus, *Legge, Birds Ceylon*, p. 363 (1879); *Sharpe, Cat. Birds B. M.* iv. p. 75 (1879); *Oates, Fauna Brit. Ind., Birds*, p. 482 (1889); *id. ed. Hume, Nests & Eggs Ind. Birds*, i. p. 336 (1889); *Sharpe, Hand-l.* iii. p. 300 (1901).

An egg of the Orange Minivet in the Collection closely resembles the eggs of *P. speciosus.* The markings, however, are slightly coarser, and they are evenly distributed over the whole shell. This specimen measures ·84 by ·65.

| | | |
|---|---|---|
| 1. | Neddivattum, Nilghiris, 5th Sept. (*J. Darling*). | Hume Coll. |

## **Pericrocotus peregrinus** (*Linn.*).

Pericrocotus peregrinus, *Legge, Birds Ceylon*, p. 366 (1879); *Sharpe, Cat. Birds B. M.* iv. p. 76 (1879); *Oates, Fauna Brit. Ind., Birds*, i. p. 487 (1889); *id. ed. Hume, Nests & Eggs Ind. Birds*, i. p. 339 (1889); *Nehrk. Kat. Eiersamml.* p. 23 (1899); *Sharpe, Hand-l.* iii. p. 301 (1901).

The eggs of the Small Minivet are typically of a broad oval form, and they exhibit a small amount of gloss. They are of a very pale greenish white colour, spotted and blotched with rich chestnut-brown and lavender. The markings are larger and more numerous over the broader half of the shell, where they are frequently confluent and form an irregular cap. The eggs measure from ·6 to ·75 in length, and from ·5 to ·55 in breadth.

| | | |
|---|---|---|
| 1. | India (*W. E. Brooks; Tristram Coll.*). | Crowley Bequest. |
| 6. | Allahabad (*A. O. Hume*). | Hume Coll. |
| 1. | Allahabad, July. | Hume Coll. |
| 2. | Allygurh, 20th Aug. (*A. O. H.*). | Hume Coll. |
| 2. | Etawah, 3rd Aug. | Hume Coll. |
| 1. | Jhansi, July (*F. R. Blewitt*). | Hume Coll. |
| 4. | Raipur, C. Provs., 15th June. | Hume Coll. |
| 3. | Raipur. | Hume Coll. |
| 2. | Pegu, 30th April (*E. W. Oates*). | Oates Coll. |
| 2. | Akyab (*E. R. Shopland*). | Crowley Bequest. |

## **Pericrocotus brevirostris** (*Vig.*).

Pericrocotus brevirostris, *Sharpe, Cat. Birds B. M.* iv. p. 79 (1879); *Oates, Fauna Brit. Ind., Birds*, i. p. 483 (1889); *id. ed. Hume, Nests & Eggs Ind. Birds*, i. p. 337 (1889); *Sharpe, Hand-l.* iii. p. 301 (1901).

The eggs of the Short-billed Minivet are moderately broad ovals and have very little gloss. They are white, profusely speckled, streaked and spotted with pale chestnut-brown and lavender, more especially at the broad end. Two specimens measure respectively: ·72 by ·53; ·7 by ·54.

| | | |
|---|---|---|
| 3. | Kotegarh, Himalayas. | Hume Coll. |

### Pericrocotus roseus (*Vieill.*).

(Plate IX. fig. 15.)

Pericrocotus roseus, *Sharpe, Cat. Birds B. M.* iv. p. 81 (1879); *Oates, Fauna Brit. Ind., Birds,* i. p. 486 (1889); *id. ed. Hume, Nests & Eggs Ind. Birds,* i. p. 338 (1889); *Sharpe, Hand-l.* iii. p. 301 (1901).

The eggs of the Rosy Minivet are of a broad oval form and exhibit little gloss. They are greyish white, marked with reddish- and purplish-brown and underlying lavender. In two specimens in the Collection the markings consist of large confluent blotches forming a broad zone; in two others they consist of well-defined specks, spots and small blotches, pretty evenly distributed over the entire egg. Four examples measure respectively: ·75 by ·58; ·74 by ·57; ·8 by ·6; ·78 by ·58.

| | | |
|---|---|---|
| 2. | Murri, Himalayas (*C. H. T. Marshall*). | Hume Coll. |
| 1. | Murri, 15th June (*C. H. T. M.*). | Hume Coll. |
| 1. | Murri (*C. H. T. M.*). | Hume Coll. |

### Pericrocotus griseigularis, *Gould.*

Pericrocotus griseigularis, *Sharpe, Cat. Birds B. M.* iv. p. 83 (1879); *La Touche, Ibis,* 1899, p. 420; *Sharpe, Hand-l.* iii. p. 302 (1901).

An egg of the Grey-throated Minivet in the Collection is a very broad oval in shape and moderately glossy. It is greyish white, marked with specks, spots and small blotches of rich umber-brown and underlying lilac or lavender. The markings, fairly dense everywhere, are more numerous round the smaller end, where they form a zone. It measures ·75 by ·6.

| | | |
|---|---|---|
| 1. | Kuatun, Foh-kien, China, 8th May (*J. D. La Touche*). | C. B. Rickett, Esq. [P.]. |

### Pericrocotus cinereus, *Lafr.*

(Plate IX. fig. 19.)

Pericrocotus cinereus, *Sharpe, Cat. Birds B. M.* iv. p. 83 (1879); *Oates, Fauna Brit. Ind., Birds,* i. p. 489 (1889); *Seebohm, Birds Japan. Emp.* p. 106 (1890); *Tacz. Faune Orn. Sibér. Orient.* p. 462 (1891); *Sharpe, Hand-l.* iii. p. 302 (1901).

The eggs of the Siberian Minivet in the Collection are of a blunt oval form and almost devoid of all gloss. They are white or very pale blue, spotted and blotched, pretty evenly all over, with brown and lavender. They measure respectively: ·85 by ·64; ·85 by ·65; ·8 by ·61; ·82 by ·62; ·82 by ·63; ·83 by ·62.

| | | |
|---|---|---|
| 2. | Hondo, Japan, 27th May. | Crowley Bequest. |
| 4. | Fuji, Japan, 23rd May. | W. Radcliffe Saunders, Esq. [P.]. |

## Pericrocotus cantonensis, *Swinh.*

Pericrocotus cantonensis, *Sharpe, Cat. Birds B. M.* iv. p. 84 (1879); *Styan, Ibis*, 1887, p. 224; *Oates, Fauna Brit. Ind., Birds*, i. p. 490 (1889); *Sharpe, Hand-l.* iii. p. 302 (1901).

The eggs of Swinhoe's Minivet are of an ordinary oval form and slightly glossy. They are greenish white or pale greyish green, marked with specks, spots and rather large blotches of brown of various shades and underlying lavender or purplish grey. In all the specimens in the Collection, the markings are more or less confluent round the broad end of the egg and form a well-defined zone. Examples measure from ·72 to ·84 in length, and from ·56 to ·62 in breadth.

| | | |
|---|---|---|
| 3. | Foochow, China, 30th May. | C. B. Rickett, Esq. [P.]. |
| 4. | Foochow, 9th June. | C. B. Rickett, Esq. [P.]. |
| 3. | Foochow, 14th June. | C. B. Rickett, Esq. [P.]. |

## Pericrocotus erythropygius (*Jerd.*).

(Plate IX. fig. 18.)

Pericrocotus erythropygius, *Sharpe, Cat. Birds B. M.* iv. p. 85 (1879); *Oates, Fauna Brit. Ind., Birds*, i. p. 488 (1889); *id. ed. Hume, Nests & Eggs Ind. Birds*, i. p. 344 (1889); *Nehrk. Kat. Eiersamml.* p. 23 (1899); *Sharpe, Hand-l.* iii. p. 302 (1901).

The eggs of the White-bellied Minivet vary in shape from broad to narrow oval and possess very little gloss. They are greyish white, profusely marked all over with longitudinal streaks, often confluent, of dark umber-brown. Underlying these are some lavender markings. Specimens measure from ·67 to ·71 in length, and from ·5 to ·56 in breadth.

| | | |
|---|---|---|
| 2. | India, 4th June. | Crowley Bequest. |
| 2. | Arvee, Khandesh, 28th Aug. (*J. Davidson*). | Hume Coll. |
| 1. | Arvee, 5th Sept. (*J. D.*). | Hume Coll. |
| 3. | Arvee (*J. D.*). | Hume Coll. |

## Genus **LALAGE**, *Boie.*

### Lalage sykesi, *Strickl.*

(Plate IX. fig. 17.)

Lalage sykesi, *Legge, Birds Ceylon*, p. 369 (1879); *Sharpe, Cat. Birds B. M.* iv. p. 89 1879); *Nehrk. Kat. Eiersamml.* p. 23 (1899).

Campophaga sykesi, *Oates, Fauna Brit. Ind., Birds*, i. p. 493 (1889); *id. ed. Hume, Nests & Eggs Ind. Birds*, i. p. 346 (1889).

The eggs of the Black-headed Cuckoo-Shrike an extremely short, broad ovals, and are fairly glossy. They are pale green or greenish white, very densely blotched and streaked with brown and underlying lavender. On some specimens, little of the ground is visible; on others, about one-third of its extent can be seen. Specimens measure from ·8 to ·86 in length, and from ·63 to ·66 in breadth.

| | | |
|---|---|---|
| 1. | Calcutta. | Crowley Bequest. |
| 2. | Calcutta, 12th June. | Hume Coll. |
| 2. | Saugor, Central Provinces, 24th July (*F. R. Blewitt*). | Hume Coll. |
| 2. | Mysore, 14th May (*J. Macpherson*). | Hume Coll. |

### **Lalage tricolor**, *Swains.*

Campephaga humeralis, *Thien. Fortpflanz. ges. Vög.* tab. xxx. fig. 9, *a*, *b* (1845–54); *Gould, Handb. Birds Austr.* i. p. 204 (1865).
Lalage tricolor, *Sharpe, Cat. Birds B. M.* iv. p. 92 (1879); *North, Nests & Eggs Austr. Birds*, p. 78 (1889); *Nehrk. Kat. Eiersamml.* p. 23 (1899); *Campbell, Nests & Eggs Austr. Birds*, i. p. 103, pl. 7 (1901); *Sharpe, Hand-l.* iii. p. 303 (1901).

The eggs of the White-shouldered Cuckoo-Shrike are of a regular oval form and slightly glossy. They are of a pale green colour, densely streaked, blotched and clouded with umber-brown or chestnut-brown and lavender. They measure from ·78 to ·87 in length, and from ·6 to ·65 in breadth.

| | | |
|---|---|---|
| 1. | Australia. | Salvin-Godman Coll. |
| 3. | Dawson River, Queensland, 29th Oct. (*North Coll.*). | Crowley Bequest. |
| 1. | New South Wales. | Gould Coll. |
| 2. | Dobroyde, N. S. W., Oct. (*E. P. Ramsay*). | Crowley Bequest. |
| 2. | Liverpool, N. S. W., 30th Oct. *North Coll.*). | Crowley Bequest. |
| 2. | Murray R., N.S.W., Dec. | W. Radcliffe Saunders, Esq. [P.]. |
| 1. | Gippsland, Victoria. | F. A. Philbrick, Esq., K.C. [P.]. |
| 2. | Victoria. | Govt. of Victoria [P.]. |
| 2. | West Australia. | Gould Coll. |

### **Lalage terat** (*Bodd.*).

Lalage terat, *Sharpe, P. Z. S.* 1879, p. 336; *id. Cat. Birds B. M.* iv. p. 95 (1879); *Nehrk. Kat. Eiersamml.* p. 23 (1899).
Campophaga terat, *Oates Fauna Brit. Ind., Birds*, i. p. 495 (1889); *id. ed. Hume, Nests & Eggs Ind. Birds*, i. p. 348 (1889).

The eggs of the Pied Cuckoo-Shrike cannot be separated from those of *L. sykesi*. They measure from ·85 to ·87 in length, and from ·61 to ·64 in breadth.

| | | |
|---|---|---|
| 2. | Klang, Malay Peninsula, Aug. (*W. Davison*). | Hume Coll. |

| | | |
|---|---|---|
| 2. | Labuan, Borneo. | Sir Hugh Low [C.]. |
| 2. | Labuan. | Sir Hugh Low [C.]. |
| 2. | Philippine Islands, 11th May (*Moseley*). | Crowley Bequest. |

### **Lalage pacifica** (*Gm.*).

(Plate IX. fig. 20.)

Lalage terat, *Layard, P. Z. S.* 1876, p. 502.
Lalage pacifica, *Sharpe, Cat. Birds B. M.* iv. p. 97 (1879); *Nehrk. Kat. Eiersamml.* p. 23 (1899); *Sharpe, Hand-l.* iii. p. 23 (1901).

The eggs of the Pacific Cuckoo-Shrike in the Collection are of a regular oval shape and but very slightly glossy. They are of a bluish-green colour, thickly marked with streaks and small blotches of umber-brown and lilac-grey. They measure respectively: ·9 by ·7; ·88 by ·63.

| | | |
|---|---|---|
| 2. | Fiji Islands. | Crowley Bequest. |

### **Lalage leucomelæna** (*Vig. & Horsf.*).

Campephaga leucomela, *Gould, Handb. Birds Austr.* i. p. 203 (1865).
Lalage leucomelæna, *Sharpe, Cat. Birds B. M.* iv. p. 106 (1879); *North, Nests & Eggs Austr. Birds*, p. 77 (1889); *Nehrk. Kat. Eiersamml.* p. 23 (1899); *Campbell, Nests & Eggs Austr. Birds*, i. p. 104, pl. 7 (1901); *Sharpe, Hand-l.* iii. p. 305 (1901).

An egg of the Black-and-White Cuckoo-Shrike in the Collection is of a somewhat pointed oval shape and moderately glossy. It is of a pale bluish-green colour, marked, chiefly over the broad end where a large cap is formed, with deep brownish chestnut and lilac. It measures ·82 by ·6.

| | | |
|---|---|---|
| 1. | Australia. | Crowley Bequest. |

## Genus **DIAPHOROPTERUS**, *Oberh.*

### **Diaphoropterus leucopygius**, *Gould.*

Symmorphus leucopygius, *Sharpe, Cat. Birds B. M.* iv. p. 109 (1879); *North, Nests & Eggs Austr. Birds*, p. 408 (1889).
Diaphoropterus leucopygius, *Sharpe, Hand-l.* iii. p. 305 (1901).

The eggs of the Norfolk-Island Cuckoo-Shrike closely resemble the eggs of *Lalage tricolor*. They are dull green, profusely blotched and streaked with umber-brown and pale underlying grey. Two specimens measure respectively: ·84 by ·65; ·88 by ·7.

| | | |
|---|---|---|
| 2. | Norfolk Island. | Gould Coll. |

# Family PYCNONOTIDÆ.

## Genus **ÆGITHINA**, *Vieill.*

### **Ægithina tiphia** (*Linn.*).

(Plate X, fig. 2.)

Iora typhia, *Legge, Birds Ceylon*, p. 490 (1880).
Ægithina tiphia, *Sharpe, Cat. Birds B. M.* vi. p. 7 (1881); *Oates, Fauna Brit. Ind., Birds*, i. p. 230 (1889); *id. ed. Hume, Nests & Eggs Ind. Birds*, i. p. 151 (1889); *Nehrk. Kat. Eiersamml.* p. 42 (1899); *Sharpe, Hand-l.* iii. p. 306 (1901).

The eggs of the Common Iora are of a broad oval form, and while some exhibit a small amount of gloss, others are without a trace of it. They are white, occasionally tinged with pink, and are streaked with lavender, pale brown, lilac-red, or pinkish-brown. The streaks are generally broad and confluent round the broad end of the egg, and form a well-marked zone or, in some cases, a cap. A few specimens are merely spotted with grey. They measure from ·63 to ·76 in length, and from ·51 to ·57 in breadth.

| | | |
|---|---|---|
| 1. | Oudh. | Crowley Bequest. |
| 3. | Allahabad, N. W. Provs., India, 6th July. | Hume Coll. |
| 3. | Raipur, C. Provs. | Hume Coll. |
| 10. | Raipur, 15th June (*F. R. Blewitt*). | Hume Coll. |
| 2. | Raipur, 8th Aug. (*F. R. B.*). | Hume Coll. |
| 3. | Saugor, C. Provs. | Hume Coll. |
| 8. | Saugor, 14th–16th July. | Hume Coll. |
| 2. | Saugor, 17th July. | Hume Coll. |
| 2. | Saugor, 28th July. | Hume Coll. |
| 2. | Saugor, 7th Aug. | Hume Coll. |
| 2. | Calcutta, 12th July. | Crowley Bequest. |
| 1. | Teriat Hills, Wynaad, 24th May (*J. Darling*). | Hume Coll. |
| 1. | Pegu, 28th May (*E. W. Oates*). | Hume Coll. |
| 1. | Pegu, 22nd June (*E. W. O.*). | Hume Coll. |
| 4. | Pegu, 23rd June (*E. W. O.*). | Hume Coll. |
| 1. | Pegu, 24th June (*E. W. O.*). | Hume Coll. |
| 1. | Pegu, 25th July (*E. W. O.*). | Hume Coll. |
| 1. | Pegu, 4th July (*E. W. O.*). | Oates Coll. |

### **Ægithina viridis** (*Bp.*).

Iora scapularis, *Sharpe, P. Z. S.* 1879, p. 339.
Ægithina viridis, *Sharpe, Cat. Birds B. M.* vi. p. 11 (1881); *id. Hand-l.* iii. p. 306 (1901).

The eggs of the Black-winged Iora in the Collection are very similar to those of *Æ. tiphia**, but in one of the specimens the bands of lavender and lilac-pink extend from nearly one end of the egg to the other. Two specimens measure respectively: ·7 by ·51; ·71 by ·55.

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* Dr. Sharpe (P. Z. S. 1879, p. 339) appears to have inadvertently described the egg of some other bird as that of this species.

| | | |
|---|---|---|
| 1. | Labuan, Borneo. | Sir Hugh Low [C.]. |
| 1. | Labuan, 27th May (*J. Whitehead*). | Crowley Bequest. |

## Genus **CHLOROPSIS**, *Jard. & Selby.*

### **Chloropsis jerdoni** (*Blyth*).

(Plate X. fig. 3.)

Phyllornis jerdoni, *Legge, Birds Ceylon*, p. 485 (1879.)
Chloropsis jerdoni, *Sharpe, Cat. Birds B. M.* vi. p. 25 (1881); *Oates, Fauna Brit. Ind., Birds*, i. p. 238 (1889); *id. ed. Hume, Nests & Eggs Ind. Birds*, i. p. 155 (1889); *Nehrk. Kat. Eiersamml.* p. 42 (1899); *Sharpe, Hand-l.* iii. p. 307 (1901).

The eggs of Jerdon's Green Bulbul are of a somewhat narrow oval form and but very slightly glossy. They are of a creamy-white colour, and are sparingly speckled and spotted, chiefly at the broad end, with black and lavender in some specimens, rufous and lavender in others. Two of the examples in the Collection are also marked at the broad end with some hair-lines and hieroglyphic-like figures which are black in one egg, purplish-red in the other.

| | | |
|---|---|---|
| 3. | Raipur, C. Provinces, India, June (*F. R. Blewitt*). | Hume Coll. |
| 4. | Raipur, July (*F. R. B.*). | Hume Coll. |

## Genus **IRENA**, *Horsf.*

### **Irena puella** (*Lath.*).

(Plate X. figs. 1 & 4.)

Irena puella, *Legge, Birds Ceylon*, p. 466 (1879); *Sharpe, Cat. Birds B. M.* vi. p. 177 (1881); *Oates, Fauna Brit. Ind., Birds*, i. p. 240 (1889); *id. ed. Hume, Nests & Eggs Ind. Birds*, i. p. 157 (1889); *Nehrk. Kat. Eiersamml.* p. 45, taf. i. fig. 8 (1899); *Sharpe, Hand-l.* iii. p. 309 (1901).

The eggs of the Indian Fairy Blue-bird are of a pointed oval shape and extremely glossy. They appear to vary much in colour. Of the specimens in the Collection, three are cream-coloured, very densely mottled with umber-brown and with traces of lavender beneath. Two are greyish-white, densely mottled with pale brown and grey. Other two examples are greenish white, with a broad confluent zone round the larger end, deep chestnut-brown in one egg, slaty grey in the other. Seven specimens measure from 1·05 to 1·2 in length, and from ·77 to ·84 in breadth.

| | | |
|---|---|---|
| 2. | Assamboo Hills, S. India, 15th March (*F. Bourdillon*). | Hume Coll. |

| | | |
|---|---|---|
| 1. | Meplay River, Tenasserim, 15th March (*C. T. Bingham*). | Hume Coll. |
| 2. | Thoungyin River, Tenasserim, 30th April (*C. T. B.*). | Hume Coll. |
| 2. | Kussoom, Malay Peninsula, 27th May (*W. Davison*). | Hume Coll. |

## Genus **HYPSIPETES**, *Vig.*

### **Hypsipetes psaroides**, *Vig.*

(Plate X. fig. 5.)

Hypsipetes psaroides, *Sharpe, Cat. Birds B. M.* vi. p. 36 (1881); *Oates, Fauna Brit. Ind., Birds,* i. p. 260 (1889); *id. ed. Hume, Nests & Eggs Ind. Birds,* i. p. 164 (1889); *Nehrk. Kat. Eiersamml.* p. 42 (1899); *Sharpe, Hand-l.* iii. p. 309 (1901).

The eggs of the Himalayan Black Bulbul are of an oval form, but vary considerably in breadth. Some are very highly glossy, others are almost devoid of all gloss. The coloration is also very variable. The eggs of one clutch in the Collection are rich salmon-pink, spotted, streaked and blotched with rich reddish purple and lavender. Those of another clutch are pinkish white, marked with deep reddish brown and pale lavender. The eggs of the other clutches are somewhat intermediate between the above in coloration. The markings are generally dense, and while in some eggs they are all small, in others they consist of bold blotches forming a confluent cap at the broad end. Specimens measure from ·85 to 1·15 in length, and from ·65 to ·75 in breadth.

| | | |
|---|---|---|
| 1. | Mussoori, N.W. Himalayas (*T. Hutton*). | Hume Coll. |
| 4. | Mussoori (*T. H.*). | Hume Coll. |
| 3. | Mussoori (*T. H.*). | Hume Coll. |
| 13. | Mongphoo, Darjiling, June (*J. Gammie*) | Hume Coll. |
| 2. | Himalayas. | W. Radcliffe Saunders, Esq. [P.]. |
| 4. | Himalayas. | W. Radcliffe Saunders, Esq. [P.]. |
| 2. | India. | Crowley Bequest. |

### **Hypsipetes concolor**, *Blyth.*

Hypsipetes concolor, *Sharpe, Cat. Birds B. M.* vi. p. 38 (1881); *Oates, Fauna Brit. Ind.* i. p. 261 (1889); *Sharpe, Hand-l.* iii. p. 310 (1901).

Two eggs of the Burmese Black Bulbul are of an oval form with a small amount of gloss. The coloration is pink, thickly spotted and streaked with reddish brown and lavender. The measurements are respectively: 1·1 by ·72; 1·08 by ·72.

| | | |
|---|---|---|
| 2. | N. Cachar Hills, 4th May. | W. Radcliffe Saunders, Esq. [P.]. |

## **Hypsipetes ganeesa**, *Sykes.*

Hypsipetes ganeesa, *Legge, Birds Ceylon*, p. 469 (1879); *Sharpe, Cat. Birds B. M.* vi. p. 39 (1881); *Oates, Fauna Brit. Ind., Birds*, i. p. 262 (1889); *id. ed. Hume, Nests & Eggs Ind. Birds*, i. p. 167 (1889); *Sharpe, Hand-l.* iii. p. 310 (1901).

The eggs of the Southern-Indian Black Bulbul are of a narrow pointed oval form, and are slightly glossy. They are pinkish white, speckled, spotted and, less frequently, blotched with pale purple and deep reddish brown. The markings are dense at the broad end of the egg, where they are frequently confluent and form an ill-defined cap or zone. Specimens measure from ·96 to 1·15 in length, and from ·7 to ·78 in breadth.

| | | |
|---|---|---|
| 4. | Coonoor, Nilghiri Hills. | Hume Coll. |
| 1. | Coonoor, April (*W. Davison*). | Hume Coll. |
| 1. | Coonoor, 11th April. | Hume Coll. |
| 1. | Coonoor, 18th May. | Hume Coll. |
| 1. | Curzon, Nilghiri Hills, 5th May. | Hume Coll. |
| 2. | Ootacamund, Nilghiri Hills. | Hume Coll. |
| 1. | Nilghiri Hills, April. | Hume Coll. |
| 2. | Nilghiri Hills. | Crowley Bequest. |

## **Hypsipetes nigerrimus**, *Gould.*

Hypsipetes nigerrimus, *Swinh. Ibis*, 1863, p. 287; *Sharpe, Cat. Birds B. M.* vi. p. 41 (1881); *La Touche, Ibis*, 1898, p. 365; *Sharpe, Hand-l.* iii. p. 310 (1901).

The eggs of the Formosan Black Bulbul are of a narrow oval form, and possess a considerable amount of gloss. They are of a pinkish-white colour, thickly covered with spots and blotches of rich reddish brown and lavender. Five eggs measure respectively: 1·02 by ·67; 1 by ·66; 1 by ·64; 1 by ·78; ·94 by ·75.

| | | |
|---|---|---|
| 3. | Formosa, 27th May (*P. A. Holst*). | Seebohm Coll. |
| 2. | Formosa (*R. Swinhoe: Tristram Coll.*). | Crowley Bequest. |

## **Hypsipetes leucocephalus** (*Gm.*).

(Plate X. fig. 6.)

Hypsipetes leucocephalus, *Sharpe, Cat. Birds B. M.* vi. p. 41 (1881); *La Touche, Ibis*, 1899, p. 416; *Sharpe, Hand-l.* iii. p. 310 (1901).

The eggs of the White-headed Black Bulbul are of a somewhat narrow oval shape and moderately glossy. They are pinkish white, densely spotted and streaked with purplish red, reddish brown, and lavender. Many of the specimens in the Collection are inseparable from eggs of *H. psaroïdes*. They measure from 1 to 1·07 in length, and from ·7 to ·76 in breadth.

| | | |
|---|---|---|
| 3. | Kuatun, Foh-kien, China, May (*J. D. La Touche*). | C. B. Rickett, Esq. [P.]. |
| 3. | Kuatun, May (*J. D. La T.*). | C. B. Rickett, Esq. [P.]. |
| 3. | Kuatun, June (*J. D. La T.*). | C. B. Rickett, Esq. [P.]. |

### Hypsipetes amaurotis (*Temm.*).

Hypsipetes amaurotis, *Blak. & Pryer, Ibis,* 1878, p. 240; *Sharpe, Cat. Birds B. M.* vi. p. 42 (1881); *Seebohm, Birds Japan. Emp.* p. 64 (1890); *Nehrk. Kat. Eiersamml.* p. 42 (1899); *Sharpe, Hand-l.* iii. p. 310 (1901).

The eggs of the Red-eared Bulbul are of a broad oval form and devoid of gloss. They are pale pinkish white, spotted, streaked, and blotched, very evenly all over the shell, with lavender and deep purplish red. Four examples measure respectively: 1·15 by ·8; 1·16 by ·81; 1·09 by ·79; 1·1 by ·8.

| | | |
|---|---|---|
| 3. | Japan (*H. Pryer*). | Seebohm Coll. |
| 2. | Fuji, Japan. | W. Radcliffe Saunders, Esq. [P.]. |

### Hypsipetes pryeri, *Stejn.*

Hypsipetes squamiceps pryeri, *Seebohm, Birds Japan. Emp.* p. 66 (1890).
Hypsipetes pryeri, *Sharpe, Hand-l.* iii. p. 310 (1901).

Four eggs of the Liu-Kiu Bulbul are of a regular oval form, slightly glossy. In coloration they are pale pink, spotted all over with dark reddish brown and lavender. They measure from 1·07 to 1·08 in length, and from ·76 to ·80 in breadth.

| | | |
|---|---|---|
| 4. | Ishigaki Shima, Liu-Kiu Is., 27th June. | W. Radcliffe Saunders, Esq. [P.]. |

## Genus **IXOCINCLA**, *Blyth.*

### Ixocincla madagascariensis (*P. L. S. Müll.*).

Hypsipetes ourovang, *E. Newton, Ibis,* 1863, p. 347, pl. xiii. fig. 5; *Cowan, Proc. R. Phys. Soc. Edinb.* vii. p. 148 (1882).
Hypsipetes madagascariensis, *A. Newton, in Rowley's Orn. Misc.* ii. pp. 48, 49 (1877); *Milne-Edwards & Grandidier, Hist. Nat. Madag., Ois.* i. p. 372, pl. 303. fig. 9 (1879).
Ixocincla madagascariensis, *Sharpe, Cat. Birds B. M.* vi. p. 45 (1881); *Nehrk. Kat. Eiersamml.* p. 42 (1899); *Sharpe, Hand-l.* iii. p. 311 (1901).

The eggs of the Madagascar Bulbul vary from a narrow to a broad oval form, and they possess but little gloss. They range from pinkish white to salmon-pink in ground-colour, and they are thickly spotted, streaked and blotched with deep reddish brown, maroon, chocolate-brown and lavender. Some examples are merely spotted; others are marked with large confluent blotches. Examples measure from 1 to 1·1 in length, and from ·7 to ·77 in breadth.

| | | |
|---|---|---|
| 15. | Betsileo, Madagascar. | Rev. W. Deans Cowan [P.]. |
| 6. | Madagascar (*Tristram Coll.*). | Crowley Bequest. |
| 1. | Madagascar, 27th Nov. (*W. Deans Cowan*). | Crowley Bequest. |
| 1. | Madagascar, 4th Dec. (*W. D. C.*). | Crowley Bequest. |

## Genus **HEMIXUS**, *Hodgs.*

### Hemixus malaccensis (*Blyth*).

Hypsipetes malaccensis, *Sharpe, Ibis*, 1879, p. 13.
Hemixus malaccensis, *Sharpe, Cat. Birds B. M.* vi. p. 52 (1881); *id. Hand-l.* iii. p. 312 (1901).
Iole malaccensis, *Oates, Fauna Brit. Ind., Birds*, i. p. 283 (1889).

The eggs of the Streaked Bulbul are of a pointed oval form and slightly glossy. They are of a pinkish-white colour, densely spotted, streaked and smeared with deep reddish brown and lavender. The markings are generally confluent at the broad end of the egg, and form a cap or zone. Examples measure from ·8 to ·9 in length, and from ·6 to ·65 in breadth.

| | | |
|---|---|---|
| 10. | Labuan, Borneo. | Sir Hugh Low [C.]. |

## Genus **IOLE**, *Blyth.*

### Iole philippensis (*Gm.*).

Iole philippensis, *Sharpe, Cat. Birds B. M.* vi. p. 58 (1881); *Grant & Whitehead, Ibis*, 1898, p. 238; *Nehrk. Kat. Eiersamml.* p. 42 (1899); *Sharpe, Hand-l.* iii. p. 313 (1901).

The eggs of the Philippine Streaked Bulbul in the Collection are of a regular oval form and very glossy. They are of a pinkish-white colour, thickly speckled all over with deep purplish red and lavender. They measure respectively: 1·1 by ·75; 1·04 by ·77.

| | | |
|---|---|---|
| 2. | Cape Engaño, N.E. Luzon, Philippine Islands, 23rd May. | J. Whitehead, Esq. [C.]. |

### Iole mindorensis, *Steere.*

Iole mindorensis, *Steere, List Birds & Mamm. Philipp.* p. 19 (1890); *Grant & Whitehead, Ibis*, 1898, p. 238, pl. v. fig. 2; *Sharpe, Hand-l.* iii. p. 314 (1901).

The eggs of the Mindoro Streaked Bulbul are of a broad oval form and highly glossy. They are of a salmon-pink colour, spotted and blotched with rich chestnut, light red, and underlying dark lavender or grey. They measure respectively: 1·04 by ·75; 1·05 by ·77.

| | | |
|---|---|---|
| 2. | Mindoro, Philippine Islands. | Steere Exped. |

### Iole macclellandi (*Horsf.*).

(Plate X. fig. 7.)

Iole macclellandi, *Sharpe, Cat. Birds B. M.* vi. p. 59 (1881); *Nehrk. Kat. Eiersamml.* p. 43 (1899); *Sharpe, Hand-l.* iii. p. 314 (1901).

Hemixus macclellandi, *Oates, Fauna Brit. Ind., Birds*, i. p. 265 (1889); *id. ed. Hume, Nests & Eggs Ind. Birds*, i. p. 168 (1889).

The eggs of the Rufous-bellied Bulbul in the Collection are of a narrow oval form, and possess a considerable amount of gloss. They are of a pinkish-white colour, very densely mottled and streaked with deep chestnut, purplish red and lavender. Two examples measure respectively: 1·05 by ·76; 1·09 by ·76.

| | |
|---|---|
| 1. Darjiling, Sikhim (*L. Mandelli*). | Hume Coll. |
| 2. Assam, 18th May. | Crowley Bequest. |

### Genus **POLIOLOPHUS**, *Sharpe*.

#### **Poliolophus urostictus** (*Salvad.*).

(Plate X. fig. 9.)

Poliolophus urostictus, *Sharpe, Cat. Birds B. M.* vi. p. 63 (1881); *Nehrk. Kat. Eiersamml.* p. 43 (1899); *Sharpe, Hand-l.* iii. p. 315 (1901).

The eggs of the Wattled Brown Bulbul in the Collection are of a narrow blunt oval form, and moderately glossy. They are of a pale pinkish colour, densely speckled all over with purplish red and lavender. They measure respectively: ·83 by ·62: ·87 by ·6.

| | |
|---|---|
| 2. Mindanao, Philippine Islands, 10th April. | Crowley Bequest. |

### Genus **CRINIGER**, *Temm.*

#### **Criniger flaveolus** (*Gould*).

(Plate X. fig. 8.)

Criniger flaveolus, *Sharpe, Cat. Birds B. M.* vi. p. 77 (1881); *Oates, Fauna Brit. Ind., Birds*, i. p. 255 (1889); *id. ed. Hume, Nests & Eggs Ind. Birds*, i. p. 163 (1889); *Nehrk. Kat. Eiersamml.* p. 43 (1899); *Sharpe, Hand-l.* iii. p. 316 (1901).

The eggs of the White-throated Bulbul are of a broad oval shape, with the smaller end somewhat pointed. They are excessively glossy, and of a beautiful salmon-pink colour, spotted, streaked, blotched and clouded with purplish red, chestnut, and lavender or lilac. The markings are more numerous at the broad end of the egg than elsewhere. They vary in character, some being cloudy and hazy, and others firm and distinct. Four examples measure respectively: ·89 by ·7; ·98 by ·7; ·98 by ·74; ·99 by ·73.

Two eggs of this species from the Crowley Collection are much smaller, have a greyish-pink ground-colour, and are marked with rich brownish purple and lavender. They measure respectively: ·89 by ·66; ·88 by ·66.

| | |
|---|---|
| 2. Near Darjiling, Sikhim, 3000 feet, 10th July. | Hume Coll. |

1. Sikhim, 28th July (*L. Mandelli*). Hume Coll.
1. Sikhim, 2nd Aug. (*L. M.*). Hume Coll.
2. Assam, 16th July. Crowley Bequest.

### Criniger salangæ, *Sharpe.*

(Plate X. fig. 10.)

Criniger cabanisi, *A. Müller, J. f. O.* 1882, p. 384.
Criniger griseiceps, *A. Müller, tom. cit.* p. 385.
Criniger salangæ, *Sharpe, Hand-l.* iii. p. 316 (1901).

An egg attributed by Herr Müller to the Salang Bulbul would appear from its coloration to have been rightly identified. It is of a pinkish cream-colour, sparingly marked with some round spots of chestnut and some specks and irregular spots of underlying lavender. It measures ·85 by ·65.

1. Salanga, Malay Peninsula, 19th May (*Weber*). Crowley Bequest.

## Genus **ALOPHOIXUS**, *Oates.*

### Alophoixus phæocephalus (*Hartl.*).

(Plate X. fig. 11.)

Criniger phæocephalus, *Sharpe, Cat. Birds B. M.* vi. p. 74 (1881).
Alophoixus phæocephalus, *Oates, Fauna Brit. Ind., Birds,* i. p. 259 (1889); *Sharpe, Hand-l.* iii. p. 319 (1901).

Two eggs of the Crestless White-throated Bulbul are of a regular oval form, and have little or no gloss. They are pinkish white, uniformly spotted and blotched with pale chestnut and underlying lavender. They measure respectively: ·9 by ·6; ·82 by ·6.

2. Johore, Malay Peninsula, July (*W. Davison*). Hume Coll.

## Genus **ALCURUS**, *Blyth.*

### Alcurus striatus, *Blyth.*

Alcurus striatus, *Sharpe, Cat. Birds B. M.* vi. p. 91 (1881); *Oates, Fauna Brit. Ind., Birds,* i. p. 266 (1889); *id. ed. Hume, Nests & Eggs Ind. Birds,* i. p. 169 (1889); *Nehrk. Kat. Eiersamml.* p. 43 (1899); *Sharpe, Hand-l.* iii. p. 319 (1901).

The eggs of the Striated Green Bulbul in the Collection are precisely similar to those of *Alophoixus phæocephalus,* described above. They measure respectively: ·95 by ·62; ·82 by ·62.

2. Cachar, 17th May. Crowley Bequest.

## Genus **TRACHYCOMUS**, *Cab.*

### **Trachycomus ochrocephalus** (*Gm.*).

Trachycomus ochrocephalus, *Sharpe, Cat. Birds B. M.* vi. p. 93 (1881); *Oates, Fauna Brit. Ind., Birds,* i. p. 281 (1889); *id. ed. Hume, Nests & Eggs Ind. Birds,* i. p. 184, footnote (1889); *Sharpe, Hand-l.* iii. p. 320 (1901).

The eggs of the Yellow-crowned Bulbul in the Collection are of a regular oval form, and exhibit very little gloss. One has the ground-colour pale salmon-pink, while the other is of a greyish-pink colour: both thickly blotched with rich purplish red, reddish brown, and lavender. The markings are slightly larger and more numerous at the larger end of the egg. Two examples measure respectively: 1·07 by ·75; 1·03 by ·74.

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|---|---|
| 1. Kussoom, Malay Peninsula, 2nd July (*J. Darling*). | Hume Coll. |
| 1. Kussoom (*J. D.*). | Hume Coll. |

## Genus **BLEDA**, *Bp.*

### **Bleda icterica** (*Strickl.*).

(Plate X. fig. 12.)

Criniger ictericus, *Legge, Birds Ceylon,* p. 472 (1879).
Xenocichla icterica, *Sharpe, Cat. Birds B. M.* vi. p. 96 (1881); *Nehrk. Kat. Eiersamml.* p. 43 (1899).
Iole icterica, *Oates, Fauna Brit. Ind., Birds,* i. p. 283 (1889); *id. ed. Hume, Nests & Eggs Ind. Birds,* i. p. 185 (1889).
Bleda icterica, *Sharpe, Hand-l.* iii. p. 320 (1901).

The eggs of the Yellow-browed Bulbul are of a narrow oval form and moderately glossy. Two examples in the Collection are white, feebly speckled with very faint grey. A third is pinkish white, closely speckled with brownish and purplish pink, the markings being confluent at the broader end and forming a large cap. They measure respectively: 1 by ·65; ·9 by ·65; ·9 by ·63.

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|---|---|
| 1. Khotagherry, Nilghiri Hills, 18th April (*Miss Cockburn*). | Hume Coll. |
| 2. Kotagherry, 22nd April (*Miss Cockburn*). | Hume Coll. |

## Genus **ANDROPADUS**, *Swains.*

### **Andropadus importunus** (*Vieill.*).

(Plate X. fig. 13.)

Andropadus importunus, *Sharpe, ed. Layard's Birds S. Africa,* p. 204 (1875–84); *id. Cat. Birds B. M.* vi. p. 108 (1881); *id. Hand-l.* iii. p. 323 (1901); *Stark, Birds S. Africa,* ii. p. 65 (1901).

The eggs of the Sombre Tooth-billed Bulbul are of a narrow oval shape and moderately glossy. The ground-colour varies from white to pale greyish pink, and the eggs are marked, chiefly at the broad end, with spots, cloudy blotches, and scrawls of umber-brown and deep grey. Three examples measure respectively: ·95 by ·69; ·93 by ·67; 1·1 by ·68.

3. S. Africa. Crowley Bequest.

### Andropadus flavescens, *Hartl.*

(Plate X. fig. 14.)

Andropadus flavescens, *Sharpe, Cat. Birds B. M.* vi. p. 112 (1881); *Kuschel, J. f. O.* 1895, p. 345; *Nehrk. Kat. Eiersamml.* p. 43 (1899); *Sharpe, Hand-l.* iii. p. 324 (1901).

An egg of the Eastern Toothed-billed Bulbul in the Collection is of a regular oval shape and highly glossy. It is greyish white in colour, densely freckled all over with pale brown and lavender. It measures ·89 by ·61.

1. Zanzibar. Crowley Bequest.

## Genus **MOLPASTES**, *Hume.*

### Molpastes fuscus (*P. L. S. Müll.*).

(Plate X. figs. 15, 16 & 17.)

Pycnonotus hæmorrhous, *Layard, Ann. Mag. Nat. Hist.* (2) xiii. p. 125 (1854); *Legge, Birds Ceylon*, p. 482 (1879); *Sharpe, Cat. Birds B. M.* vi. p. 124 (1881); *Nehrk. Kat. Eiersamml.* p. 43 (1899).
Pycnonotus pygæus, *Beavan, P. Z. S.* 1864, p. 376.
Molpastes hæmorrhous, *Oates, Fauna Brit. Ind., Birds*, i. p. 268 (1889); *id. ed. Hume, Nests & Eggs Ind. Birds*, i. p. 169 (1889).
Molpastes fuscus (*P. L. S. Müll.*), *Sharpe, Hand-l.* iii. p. 328 (1901).

The eggs of the Madras Red-vented Bulbul are of an oval form, sometimes considerably pointed at one end, at others blunt and rounded. They have a considerable amount of gloss.

Few eggs vary so much in coloration as do the eggs of this Bulbul. Mr. Hume has described them well and I cannot do better than reproduce his notes:—"The ground is universally pinkish or reddish white (in old eggs which have been kept a long time a sort of dull French white) of which more or less is seen according to the extent of the markings. These markings take almost every conceivable form, defined and undefined—specks, spots, blotches, streaks, smudges, and clouds; their combinations are as varied as their colours, which embrace every shade of red, brownish, and purplish red. As a rule, besides the primary markings, feeble secondary markings of pale inky purple are exhibited, often only perceptible when the egg is closely examined, sometimes so numerous as to give the ground-colour of the egg a universal purple tint. In about half the eggs there is a tendency to exhibit, more or less, an irregular zone or cap at the large end, but solitary eggs occur in which there is a cap at the small end. Three fairly well marked types may be separately described. First, an egg thickly mottled and streaked all over with deep blood-red, which is entirely confluent over one-third of the surface, namely at the large end, and leaves less than a third of the ground-colour visible as a paler mottling over the rest of the surface. Then there is another type with a very delicate pure pink ground, and with a few large, bold, deep red blotches, chiefly at the large end, where they are intermingled with a few small pale inky-purple clouds, and with only a few spots and specks of the former colour scattered over the rest of the surface. Lastly, there is a pale dingy pink ground, speckled almost uniformly, but only moderately thickly, over the whole surface, with minute specks and spots of blood-red and pale inky purple." These three main types indicated by Mr. Hume are now figured (Pl. X. figs. 15, 16, 17).

In size, the eggs also vary exceedingly, ranging in length from ·72 to 1, and in breadth from ·57 to ·68.

| | | |
|---|---|---|
| 1. | Bareilly, N.W. Provs., India, 31st May. | Hume Coll. |
| 2. | Bareilly, 4th June. | Hume Coll. |
| 2. | Bareilly, 6th June. | Hume Coll. |
| 2. | Bareilly, 12th & 13th June. | Hume Coll. |
| 3. | Bareilly, 16th June. | Hume Coll. |
| 3. | Bareilly, 17th June. | Hume Coll. |
| 2. | Bareilly, 18th June. | Hume Coll. |
| 1. | Bareilly, 19th June. | Hume Coll. |
| 1. | Bareilly, 20th June. | Hume Coll. |
| 2. | Bareilly, 22nd June. | Hume Coll. |
| 2. | Agra, 17th June. | Hume Coll. |
| 3. | Agra, 18th June. | Hume Coll. |
| 4. | Agra, 24th June. | Hume Coll. |
| 1. | Agra, 26th July. | Hume Coll. |
| 2. | Agra, 28th July. | Hume Coll. |
| 4. | Mirzapur (*W. E. Brooks: Tristram Coll.*). | Crowley Bequest. |
| 2. | Jhansi, 15th June. | Hume Coll. |
| 1. | Jhansi, 26th June. | Hume Coll. |
| 3. | N.W. Provinces. | Crowley Bequest. |
| 1. | Delhi, 25th May (*C. T. Bingham*). | Hume Coll. |
| 3. | Delhi, 27th May (*C. T. B.*). | Hume Coll. |
| 1. | Delhi, 23rd June (*C. T. B.*). | Hume Coll. |
| 1. | Delhi, 8th July (*C. T. B.*). | Hume Coll. |
| 2. | Sambhur, 1st May (*R. M. Adam*). | Hume Coll. |
| 8. | Sambhur, 3rd–10th July (*R. M. A.*). | Hume Coll. |
| 3. | Saugor, C. Provs., 21st June. | Hume Coll. |
| 1. | Saugor, 14th July. | Hume Coll. |
| 4. | Hoshungabad, 26th March (*E. C. Nunn*). | Hume Coll. |
| 2. | Central India. | Purchased. |
| 2. | Central India (*R. C. Beavan: Tristram Coll.*). | Crowley Bequest. |
| 2. | Maunbhum, Bengal, 10th May (*R. C. Beavan*). | Salvin-Godman Coll. |

| | | |
|---|---|---|
| 3. | Nilghiri Hills. | Hume Coll. |
| 1. | Nilghiri Hills. | Crowley Bequest. |
| 2. | Nilghiri Hills, 20th Feb. | Hume Coll. |
| 2. | Nilghiri Hills, April. | Hume Coll. |
| 2. | Coonoor, Nilghiri Hills, 21st May. | Hume Coll. |
| 3. | Ceylon (*E. L. Layard*). | Salvin-Godman Coll. |
| 1. | Ceylon (*E. L. L.*). | Crowley Bequest. |
| 2. | Ceylon, May (*A. L. Butler*). | Crowley Bequest. |
| 3. | India. | W. Radcliffe Saunders, Esq. [P.]. |

## **Molpastes burmanicus** (*Sharpe*).

(Plate X. fig. 18.)

Pycnonotus burmanicus, *Sharpe, Cat. Birds B. M.* vi. p. 125 (1881); *Nehrk. Kat. Eiersamml.* p. 44 (1899).
Molpastes burmanicus, *Oates, Fauna Brit. Ind., Birds,* i. p. 269 (1889); *id. ed. Hume, Nests & Eggs Ind. Birds,* i. p. 173 (1889); *Sharpe, Hand-l.* iii. p. 328 (1901).

The eggs of the Burmese Red-vented Bulbul are of a broad oval form, sometimes approaching the spherical, and they exhibit a considerable amount of gloss. They differ from those of *M. fuscus* in having the ground of a greyish-pink colour, marked with roundish spots and blotches of deep purplish red, chocolate-brown and lavender grey, which have a tendency to form an irregular cap or zone at the broader end. The markings are often blurred at the edges, and the underlying lavender-grey is frequently disposed in large smears and clouds. Specimens measure from ·75 to ·96 in length, and from ·65 to ·68 in breadth.

| | | |
|---|---|---|
| 3. | Pegu, 23rd April (*E. W. Oates*). | Hume Coll. |
| 1. | Pegu, 21st April (*E. W. O.*). | Oates Coll. |
| 2. | Pegu, 15th May (*E. W. O.*). | Oates Coll. |
| 1. | Pegu, 28th May (*E. W. O.*). | Oates Coll |
| 1. | Pegu, 31st May (*E. W. O.*). | Oates Coll. |
| 1. | Pegu, 24th June (*E. W. O.*). | Oates Coll. |
| 1. | Pegu, 5th July (*E. W. O.: Seebohm Coll.*). | Crowley Bequest. |
| 1. | Pegu, 15th July (*E. W. O.*). | Oates Coll. |
| 2. | Pegu, 20th July (*E. W. O.*). | Oates Coll. |
| 1. | Pegu, 28th July (*E. W. O.*). | Oates Coll. |
| 2. | Pegu, 15th Sept. (*E. W. O.*). | Oates Coll. |

## **Molpastes atricapillus** (*Vieill.*).

Pycnonotus atricapillus, *Sharpe, Cat. Birds B. M.* vi. p. 127 (1881).
Molpastes atricapillus, *Oates, Fauna Brit. Ind., Birds,* i. p. 270 (1889); *id. ed. Hume, Nests & Eggs Ind. Birds,* i. p. 173 (1889); *Sharpe, Hand-l.* iii. p. 328 (1901).

The eggs of the Chinese Red-vented Bulbul are of a broad oval form, and have a moderate amount of gloss. They are of a pinkish-white colour, thickly speckled and dotted all over with rich reddish brown and lavender-grey. Four examples measure respectively: ·73 by ·57; ·77 by ·6; ·77 by ·6; ·76 by ·6.

| | | |
|---|---|---|
| 4. | Tavoy, Tenasserim, 16th March (*J. Darling*). | Hume Coll. |

## Molpastes pygæus, *Hodgs.*

Pycnonotus pygæus, *Beavan, P. Z. S.* 1864, p. 376; *Godw.-Aust. J. A. S. B.* xliii. pt. ii. p. 178 (1874); *Sharpe, Cat. Birds B. M.* vi. p. 128 (1881).
Molpastes bengalensis, *Oates, Fauna Brit. Ind., Birds,* i. p. 271 (1889); *id. ed. Hume, Nests & Eggs Ind. Birds,* i. p. 174 (1889).
Molpastes pygæus, *Sharpe, Hand-l.* iii. p. 329 (1901).

The eggs of the Bengal Red-vented Bulbul in no way differ from those of *M. fuscus*, except in being slightly larger. They measure from ·88 to 1·05 in length, and from ·67 to ·75 in breadth.

| | | |
|---|---|---|
| 14. | Sikhim. | Hume Coll. |
| 25. | Mongphoo, Darjiling (*J. Gammie*). | Hume Coll. |
| 1. | Sikhim Terai, 30th April. | Hume Coll. |
| 3. | Sikhim Terai, 9th May. | Hume Coll. |
| 3. | Sikhim Terai, 10th May. | Hume Coll. |
| 3. | Sikhim Terai, 10th May. | Hume Coll. |
| 2. | Sikhim Terai, 13th May. | Hume Coll. |
| 3. | Sikhim Terai, 19th May. | Hume Coll. |
| 2. | Sikhim Terai, 31st May. | Hume Coll. |
| 2. | Shillong, Assam, June. | Col. H. H. Godwin-Austen [C.]. |
| 2. | Bengal. | Crowley Bequest. |
| 2. | Barrackpur (*R. C. Beavan: Tristram Coll.*). | Crowley Bequest. |

## Molpastes intermedius (*A. Hay*).

Pycnonotus intermedius, *Sharpe, Cat. Birds B. M.* vi. p. 130 (1881).
Molpastes intermedius, *Oates, Fauna Brit. Ind., Birds,* i. p. 272 (1889); *id. ed. Hume, Nests & Eggs Ind. Birds,* i. p. 175 (1889); *Sharpe, Hand-l.* iii. p. 329 (1889).

The eggs of the Punjab Red-vented Bulbul in the Collection resemble those of *M. fuscus* and *M. pygæus*. Three examples measure respectively: 1·01 by ·72; ·91 by ·7; ·92 by ·63.

| | | |
|---|---|---|
| 1. | Kashmir, 5th May (*W. E. Brooks: Tristram Coll.*). | Crowley Bequest. |
| 2. | Mussoori, Himalayas (*T. Hutton*). | Hume Coll. |

## Genus **PYCNONOTUS**, *Boie.*

The eggs of the Bulbuls of this genus resemble those of the Bulbuls of the genus *Molpastes*, and, whenever the series of eggs of any species is tolerably large, appear to be of as many types of coloration as the eggs of *M. fuscus*.

### Pycnonotus capensis (*Linn.*).

Ixos capensis, *Thien. Fortpflanz. ges. Vög.* tab. xxvii. figs. 13, *a*, *b*, *c* (1845–54).

Pycnonotus capensis, *Sharpe, ed. Layard's Birds S. Africa*, p. 207 (1875–84); *Dresser, Birds Eur.* iii. p. 361 (1875); *Sharpe, Cat. Birds B. M.* vi. p. 130 (1881); *Nehrk. Kat. Eiersamml.* p. 44 (1899); *Sharpe, Hand-l.* iii. p. 329 (1901); *Stark, Birds S. Africa*, ii. p. 61 (1901).

The eggs of the Cape Yellow-vented Bulbul in the Collection are of various types, and measure from ·8 to ·92 in length, and from ·62 to ·7 in breadth.

| | | |
|---|---|---|
| 2. | S. Africa. | E. L. Layard, Esq. [P.]. |
| 3. | S. Africa (*E. L. Layard: Tristram Coll.*). | Crowley Bequest. |
| 4. | S. Africa. | Crowley Bequest. |

### Pycnonotus layardi, *Gurney*.

Pycnonotus nigricans (*nec V.*), *Gurney, Ibis*, 1860, p. 209.

Pycnonotus layardi, *Gurney, Ibis*, 1879, p. 390; *Sharpe, Cat. Birds B. M.* vi. p. 132 (1881); *Nehrk. Kat. Eiersamml.* p. 44 (1899); *Marshall, Ibis*, 1900, p. 229; *Sharpe, Hand-l.* iii. p. 329 (1901); *Stark, Birds S. Africa*, ii. p. 63 (1901).

The eggs of Layard's Yellow-vented Bulbul in the Collection are closely alike and of the densely-spotted type of coloration. They measure from ·86 to ·96 in length, and from ·62 to 65 in breadth.

| | | |
|---|---|---|
| 3. | Natal. | T. Ayres, Esq. [C.]. |
| 3. | Natal. | T. Ayres, Esq. [C.]. |

### Pycnonotus nigricans (*Vieill.*).

Pycnonotus nigricans, *Andersson, Birds Damara-l.* p. 119 (1872); *Sharpe, Cat. Birds B. M.* vi. p. 134 (1881); *id. Hand-l.* iii. p. 330 (1901); *Stark, Birds S. Africa*, ii. p. 64 (1901).

The eggs of Vieillot's Yellow-vented Bulbul in the Collection are speckled and also marked with small blotches. They measure respectively: ·93 by ·67; ·8 by ·62; ·82 by ·63.

| | | |
|---|---|---|
| 3. | Ondonga, Ovampo-land, April (*C. J. Andersson: Tristram Coll.*). | Crowley Bequest. |

### Pycnonotus xanthopygus (*Hempr. & Ehr.*).

(Plate X. fig. 19.)

Ixos xanthopygius, *Tristram, Ibis*, 1859, p. 30; 1865, p. 81; 1866, p. 292.

Pycnonotus xanthopygus, *Dresser, Birds Eur.* iii. p. 357 (1875); *Sharpe, Cat. Birds B. M.* vi. p. 135 (1881); *Nehrk. Kat. Eiersamml.* p. 44 (1899); *Sharpe, Hand-l.* iii. p. 330 (1901).

The eggs of the Palestine Yellow-vented Bulbul are of the same varied types as those of *Molpastes fuscus* and *M. pygæus.* An egg, of a type of unusual occurrence among the Bulbuls, is of a greyish-pink colour, densely mottled all over with lilac, and is here figured. Specimens measure from ·85 to ·98 in length, and from ·64 to ·66 in breadth.

| | | |
|---|---|---|
| 3. | Palestine, 1st May (*H. B. Tristram*). | Seebohm Coll. |
| 1. | Palestine, 16th April (*H. B. T.*). | Salvin-Godman Coll. |
| 2. | Jericho, 14th April (*H. B. T.*). | Crowley Bequest. |
| 2. | Jericho, 16th April (*H. B. T.*). | Crowley Bequest. |
| 2. | Moab, 28th April (*H. B. T.*). | Crowley Bequest. |
| 3. | Syria (*J. H. Cochrane*). | Seebohm Coll. |

## Pycnonotus aurigaster (*Vieill.*).

Pycnonotus aurigaster, *Sharpe, Cat. Birds B. M.* vi. p. 137 (1881); *Nehrk. Kat. Eiersamml.* p. 44 (1899); *Sharpe, Hand-l.* iii. p. 330 (1901).

The eggs of the Gold-vented Bulbul in the Collection are densely speckled and spotted, and resemble one of the types of the eggs of *Molpastes fuscus.* They bear no resemblance whatever to the eggs of *Surniculus lugubris*, in the nest of which Cuckoo they were found. They measure respectively: ·96 by ·65; ·9 by ·61.

| | | |
|---|---|---|
| 2. | Java, 2nd May (with an egg of *Surniculus lugubris*). | Crowley Bequest. |

## Pycnonotus analis (*Horsf.*).

Pycnonotus analis, *Sharpe, Cat. Birds B. M.* vi. p. 140 (1881); *Oates, Fauna Brit. Ind., Birds,* i. p. 287 (1889); *id. ed. Hume, Nests & Eggs Ind. Birds,* i. p. 186, footnote (1889); *Nehrk. Kat. Eiersamml.* p. 44 (1899); *Sharpe, Hand-l.* iii. p. 330 (1901).

The eggs of the Malay Yellow-vented Bulbul resemble the more richly coloured eggs of *Molpastes fuscus*, and are heavily marked with spots and small blotches. They measure from ·8 to ·95 in length, and from ·6 to ·65 in breadth.

| | | |
|---|---|---|
| 2. | Salang, Malay Peninsula, 14th Feb. (*J. Darling*). | Hume Coll. |
| 2. | Salang. | Crowley Bequest. |
| 2. | Penang, June. | C. B. Rickett, Esq. [P.]. |
| 1. | Singapore. | Hume Coll. |
| 1. | Singapore. | H. N. Ridley, Esq. [P.]. |
| 1. | Kuching, Sarawak, Borneo, Feb. | H. K. Swann, Esq. [P.]. |

## Pycnonotus goiavier (*Scop.*).

Pycnonotus goiavier, *Sharpe, Cat. Birds B. M.* vi. p. 141 (1881); *Steere, List Birds & Mamm. Philippines,* p. 19 (1900); *Grant & Whitehead, Ibis,* 1898, p. 239; *Nehrk. Kat. Eiersamml.* p. 44 (1899); *Sharpe, Hand-l.* iii. p. 330 (1901).

The eggs of the Philippine Yellow-vented Bulbul are very densely marked and richly coloured. They measure from ·81 to ·85 in length, and from ·6 to ·65 in breadth.

| | | |
|---|---|---|
| 4. | Marinduque, 12th May. | Steere Exped. |
| 3. | Dumaguete, 11th Feb. | Steere Exped. |
| 2. | Samar, 24th June. | J. Whitehead, Esq. [C.]. |
| 2. | Sulu Islands (*Nehrkorn Coll.*). | Crowley Bequest. |

## **Pycnonotus luteolus** (*Less.*).

Ixos luteolus, *Legge, Birds Ceylon*, p. 474 (1879).
Pycnonotus luteolus, *Sharpe, Cat. Birds B. M.* vi. p. 143 (1881); *Oates, Fauna Brit. Ind., Birds*, i. p. 290 (1889); *id. ed. Hume, Nests & Eggs Ind. Birds*, i. p. 189 (1889); *Nehrk. Kat. Eiersamml.* p. 44 (1899); *Sharpe, Hand-l.* iii. p. 331 (1901).
Ixus luteolus, *Barnes, Journ. Bomb. Nat. Hist. Soc.* iv. p. 249, pl.—, fig. 452 (1889).

The eggs of the White-eyebrowed Bulbul in the Collection resemble many of the boldly-marked eggs of *Molpastes fuscus*. They measure respectively: ·95 by ·61; ·91 by ·63; ·92 by ·63.

| | | |
|---|---|---|
| 2. | Bombay, 11th June (*B. Aitken*). | Crowley Bequest. |
| 1. | Ceylon, 19th June (*A. L. Butler*). | Hume Coll. |

## **Pycnonotus finlaysoni**, *Strickl.*

Pycnonotus finlaysoni, *Sharpe, Cat. Birds B. M.* vi. p. 144 (1881); *Oates, Fauna Brit. Ind., Birds*, i. p. 287 (1889); *id. ed. Hume, Nests & Eggs Ind. Birds*, i. p. 187 (1889); *Nehrk. Kat. Eiersamml.* p. 44 (1899); *Sharpe, Hand-l.* iii. p. 331 (1901).

The eggs of Finlayson's Stripe-throated Bulbul are mostly of the blotched type of egg of *Molpastes fuscus*. They measure from ·85 to ·9 in length, and from ·6 to ·7 in breadth.

| | | |
|---|---|---|
| 2. | Tavoy, Tenasserim, 16th March (*J. Darling*). | Hume Coll. |
| 1. | Tavoy, 22nd April (*J. D.*). | Hume Coll. |
| 3. | Salang, Malay Peninsula, 10th March. | Hume Coll. |
| 4. | Salang. | Crowley Bequest. |
| 2. | Kussoom, Malay Peninsula, 28th June. | Hume Coll. |
| 2. | Klang, Malay Peninsula, 29th May. | Hume Coll. |

## **Pycnonotus davisoni** (*Hume*).

Pycnonotus davisoni, *Sharpe, Cat. Birds B. M.* vi. p. 145 (1881); *Oates, Fauna Brit. Ind., Birds*, i. p. 288 (1889); *id. ed. Hume, Nests & Eggs Ind. Birds*, i. p. 188 (1889); *Nehrk. Kat. Eiersamml.* p. 44 (1899); *Sharpe, Hand-l.* iii. p. 331 (1901).

Of the two eggs of Davison's Stripe-throated Bulbul in the Collection, one is blotched all over with pale chestnut and lilac, and one is speckled and spotted with reddish brown and lavender. They measure respectively: ·9 by ·65; ·82 by ·61.

| | |
|---|---|
| 1. Pegu, 1st June (*E. W. Oates*). | Oates Coll. |
| 1. Pegu, 6th June (*E. W. O.*). | Crowley Bequest. |

### Pycnonotus barbatus (*Desf.*).

Ixos obscurus, *Baedeker, Eier Eur. Vög.* pl. 76. fig. 15 (1855–63).
Ixus barbatus, *Loche, Expl. Algérie, Ois.* i. p. 288 (1867).
Pycnonotus barbatus, *Dresser, Birds Eur.* iii. p. 353 (1875); *Sharpe, Cat. Birds B. M.* vi. p. 146 (1881); *Nehrk. Kat. Eiersamml.* p. 44 (1899); *Sharpe, Hand-l.* iii. p. 331 (1901).

The eggs of the White-vented Bulbul appear to comprise all the types of coloration of the eggs of *Molpastes fuscus*. They measure from ·89 to ·98 in length, and from ·68 to ·75 in breadth.

| | |
|---|---|
| 2. Tunis. | L. Fraser, Esq. [C.]. |
| 2. Algeria (*Loche*). | Salvin-Godman Coll. |
| 1. Algeria, May (*Loche: Tristram Coll.*). | Crowley Bequest. |
| 2. Algeria, 24th June (*Loche: Tristram Coll.*). | Crowley Bequest. |

### Pycnonotus arsinoë (*Hempr. & Ehr.*).

Pycnonotus arsinoë, *Heuglin, Orn. N.O.-Afr.* i. p. 396, taf. xliii. fig. 18 (1873); *Sharpe, Cat. Birds B. M.* vi. p. 148 (1881); *id. Ibis,* 1886, p. 17; *id. Hand-l.* iii. p. 331 (1901).

One egg of Hemprich's Bulbul in the Collection is white, densely speckled with deep purplish red and lavender, while the other two are speckled with reddish brown. They measure respectively: ·8 by ·64; ·87 by ·64; ·86 by ·64.

| | |
|---|---|
| 1. Aden. 24th April. | Col. J. W. Yerbury [P.]. |
| 2. Harrar, S. Abyssinia. | M. P. Zaphiro [C.]. |

### Pycnonotus sinensis (*Gm.*).

Ixus sinensis, *Swinhoe, Ibis,* 1863, p. 289.
Pycnonotus sinensis, *Sharpe, Cat. Birds B. M.* vi. p. 149 (1881); *La Touche, Ibis,* 1898, p. 365; *Nehrk. Kat. Eiersamml.* p. 44 (1899); *Sharpe, Hand-l.* iii. p. 331 (1901).

All the varied types of Bulbuls' eggs are represented in the large series of eggs of the White-naped Bulbul in the Collection. They measure from ·8 to ·92 in length, and from ·58 to ·7 in breadth.

| | | |
|---|---|---|
| 51. | Amoy, China (*R. Swinhoe*). | Seebohm Coll. |
| 9. | Amoy (*R. S.: Tristram Coll.*). | Crowley Bequest. |
| 21. | Kiukiang, China (*Leach*). | Seebohm Coll. |
| 2. | Foochow, China, 26th April. | C. B. Rickett, Esq. [P.]. |
| 2. | Foochow, 3rd May. | C. B. Rickett, Esq. [P.]. |
| 2. | Eoochow, 9th May. | C. B. Rickett, Esq. [P.]. |
| 2. | Foochow, 24th May. | C. B. Rickett, Esq. [P.]. |
| 2. | Foochow, 23rd July. | C. B. Rickett, Esq. [P.]. |
| 3. | Formosa, 10th April (*P. A. Holst*). | Seebohm Coll. |
| 1. | Formosa, 10th April (*P. A. H.*). | Seebohm Coll. |
| 4. | Formosa, 11th April (*P. A. H.*). | Seebohm Coll. |
| 3. | Formosa, 11th April (*P. A. H.*). | Seebohm Coll. |
| 3. | Formosa, 12th April (*P. A. H.*). | Seebohm Coll. |
| 4. | Formosa, 13th April (*P. A. H.*). | Seebohm Coll. |
| 2. | Formosa, 14th April (*P. A. H.*). | Seebohm Coll. |
| 4. | Formosa, 14th April (*P. A. H.*). | Seebohm Coll. |
| 1. | Formosa, 22nd April (*P. A. H.*). | Seebohm Coll. |
| 4. | Formosa, 26th April (*P. A. H.*). | Seebohm Coll. |
| 4. | Formosa, 29th April (*P. A. H.*). | Seebohm Coll. |
| 4. | Formosa, 10th May (*P. A. H.*). | Seebohm Coll. |
| 3. | Formosa, 20th May (*P. A. H.*). | Seebohm Coll. |
| 2. | Formosa, 24th May (*P. A. H.*). | Seebohm Coll. |
| 1. | Formosa, 29th May (*P. A. H.*). | Seebohm Coll. |

### Pycnonotus blanfordi, *Jerd.*

Pycnonotus blanfordi, *Sharpe, Cat. Birds B. M.* vi. p. 151 (1881); *Oates, Fauna Brit. Ind., Birds*, i. p. 291 (1889); *id. ed. Hume, Nests & Eggs Ind. Birds*, i. p. 190 (1889); *Nehrk. Kat. Eiersamml.* p. 44 (1899); *Sharpe, Hand-l.* iii. p. 332 (1901).

The eggs of Blanford's Bulbul are of the same varied character as those of the other Bulbuls of this genus and *Molpastes.* They measure from ·74 to ·87 in length, and from ·58 to ·64 in breadth.

| | | |
|---|---|---|
| 3. | Pegu, March (*E. W. Oates*). | Hume Coll. |
| 2. | Pegu, 30th April (*E. W. O.*). | Hume Coll. |
| 3. | Pegu, 8th May (*E. W. O.*). | Oates Coll. |
| 3. | Pegu, 15th May (*E. W. O.*). | Oates Coll. |
| 1. | Pegu, 25th May (*E. W. O.*). | Hume Coll. |
| 2. | Pegu, 28th May (*E. W. O.*). | Hume Coll. |
| 2. | Pegu, June (*E. W. O.*). | Hume Coll. |
| 2. | Pegu, June (*E. W. O.*). | Crowley Bequest. |
| 2. | Pegu, 1st June (*E. W. O.*). | Hume Coll. |
| 2. | Pegu, 20th June (*E. W. O.*). | Oates Coll. |
| 3. | Pegu. 25th June (*E. W. O.*). | Hume Coll. |

### Pycnonotus plumosus, *Blyth.*

Pycnonotus plumosus, *Sharpe, Cat. Birds B. M.* vi. p. 152 (1881); *Oates, Fauna Brit. Ind., Birds*, i. p. 292 (1889); *id. ed. Hume, Nests & Eggs Ind. Birds*, i. p. 191, footnote (1889); *Nehrk. Kat. Eiersamml.* p. 45 (1899); *Sharpe, Hand-l.* iii. p. 332 (1901).

The egg of the Large Olive Bulbul in the Collection is of a pinkish-white colour, speckled all over and marked round the broad end with a zone of confluent blotches of deep chestnut. It measures ·89 by ·65.

| | | |
|---|---|---|
| 1. | Kussoom, Malay Peninsula, 4th June (*W. Davison*). | Hume Coll. |

### Pycnonotus simplex, *Less.*

Pycnonotus simplex, *Sharpe, Cat. Birds B. M.* vi. p. 153 (1881); *Oates, Fauna Brit. Ind., Birds,* i. p. 292 (1889); *id. ed. Hume, Nests & Eggs Ind. Birds,* i. p. 192, footnote (1889); *Sharpe, Hand-l.* iii. p. 332 (1901).

The eggs of Moore's Olive Bulbul in the Collection are densely mottled with rich reddish brown and lavender. They measure respectively: ·9 by ·63; ·86 by ·64.

| | | |
|---|---|---|
| 2. | Klang, Malay Peninsula, 23rd April (*W. Davison*). | Hume Coll. |

## Genus **XANTHIXUS**, *Oates.*

### Xanthixus flavescens (*Blyth*).

Pycnonotus flavescens, *Sharpe, Cat. Birds B. M.* vi. p. 143 (1881).
Xanthixus flavescens, *Oates, Fauna Brit. Ind., Birds,* i. p. 275 (1889); *Stuart Baker, Journ. Bombay Nat. Hist. Soc.* viii. p. 211 (1893); *Sharpe, Hand-l.* iii. p. 332 (1901).

Eggs of Blyth's Bulbul are of an oval form with a small amount of gloss. The ground-colour is pink, and is thickly spotted with purplish-red and lavender. Two specimens measure respectively: ·88 by ·69; ·89 by ·66.

| | | |
|---|---|---|
| 2. | N. Cachar, 3rd June. | E. C. Stuart Baker, Esq. [P.]. |

## Genus **OTOCOMPSA**, *Cab.*

The eggs of the Bulbuls of this genus cannot be separated by any character from those of the species of *Molpastes* and *Pycnonotus*.

### Otocompsa emeria (*Linn.*).

Otocompsa jocosa, *Sharpe, Cat. Birds B. M.* vi. p. 157 (1881); *Nehrk. Kat. Eiersamml.* p. 45 (1899).
Otocompsa emeria, *Oates, Fauna Brit., Ind. Birds,* i. p. 276 (1889); *id. ed. Hume, Nests & Eggs Ind. Birds,* i. p. 178 (1889); *Sharpe, Hand-l.* iii. p. 333 (1901).

The eggs of the Bengal Red-whiskered Bulbul vary from specimens which are sparsely speckled on a white ground, to those which are boldly blotched on a pinkish-white ground-colour. They measure from ·72 to ·95 in length, and from ·56 to ·7 in breadth.

| | | |
|---|---|---|
| 2. | Sikhim, 6th June. | Crowley Bequest. |
| 5. | Baraitch, Oudh, April. | Hume Coll. |
| 2. | Lucknow, 5th May. | Hume Coll. |

| | | |
|---|---|---|
| 2. | Lucknow, 17th May. | Hume Coll. |
| 1. | Lucknow, 19th May. | Hume Coll. |
| 1. | Lucknow, 26th May. | Hume Coll. |
| 2. | Calcutta. | Crowley Bequest. |
| 2. | Akyab (*E. R. Shopland*). | Crowley Bequest. |
| 2. | Pegu (*E. W. Oates*). | Oates Coll. |
| 1. | Pegu, 10th March (*E. W. O.*). | Oates Coll. |
| 1. | Pegu, 9th April (*E. W. O.*). | Oates Coll. |
| 1. | Pegu, 16th April (*E. W. O.*). | Oates Coll. |
| 3. | Pegu, 28th May (*E. W. O.*). | Hume Coll. |
| 1. | Pegu, 1st Aug. (*E. W. O.*). | Oates Coll. |
| 3. | Bankasun, Tenasserim, 15th March (*W. Davison*). | Hume Coll. |
| 2. | Salang, Malay Peninsula. | Crowley Bequest. |

### **Otocompsa fuscicaudata**, *Gould*.

Otocompsa emeria, *Sharpe, Cat. Birds B. M.* vi. p. 159 (1881); *Nehrk. Kat. Eiersamml.* p. 45 (1899).

Otocompsa fuscicaudata, *Oates, Fauna Brit. Ind., Birds,* i. p. 277 (1889); *id. ed. Hume, Nests & Eggs Ind. Birds,* i. p. 180 (1889); *Sharpe, Hand-l.* iii. p. 333 (1901).

The eggs of the Southern Red-whiskered Bulbul are similar to those of *O. emeria*, but they appear, on the whole, to be more richly coloured. Specimens measure from ·78 to ·93 in length, and from ·58 to ·67 in breadth.

| | | |
|---|---|---|
| 12. | Nilghiri Hills. | Hume Coll. |
| 6. | Nilghiri Hills. | Crowley Bequest. |
| 1. | Nilghiri Hills, 7th Feb. | Hume Coll. |
| 7. | Nilghiri Hills, April. | Hume Coll. |
| 1. | Nilghiri Hills, July. | Hume Coll. |
| 1. | Kotagherry, Nilghiri Hills, 7th March (*Miss Cockburn*). | Hume Coll. |
| 2. | Ootacamund, Nilghiri Hills, 24th March. | Hume Coll. |
| 1. | Coonoor, Nilghiri Hills, 5th Feb. | Hume Coll. |
| 1. | Coonoor, 15th Feb. | Hume Coll. |
| 2. | Coonoor, 3rd March. | Hume Coll. |
| 15. | Coonoor, April. | Hume Coll. |
| 2. | Coonoor, April (*W. Davison*). | Hume Coll. |
| 5. | Coonoor, 21st May. | Hume Coll. |
| 2. | Coonoor, 5th June. | Hume Coll. |
| 1. | Coonoor, 18th July. | Hume Coll. |
| 1. | Wynaad, S. India, 15th Feb. (*J. Darling*). | Hume Coll. |

### **Otocompsa leucogenys** (*Gr. & Hardw.*).

Otocompsa leucogenys, *Sharpe, Cat. Birds B. M.* vi. p. 160 (1881); *Nehrk. Kat. Eiersamml.* p. 45 (1899); *Sharpe, Hand-l.* iii. p. 333 (1901).

Molpastes leucogenys, *Oates, Fauna Brit. Ind., Birds,* i. p. 272 (1889); *id. ed. Hume, Nests & Eggs Ind. Birds,* i. p. 175 (1889).

The eggs of the White-cheeked Bulbul pass through the same variations as those of *Molpastes fuscus* and allied species. They measure from ·83 to ·9 in length, and from ·57 to ·68 in breadth.

| | | |
|---|---|---|
| 3. | Dharumsala, Himalayas, 19th April. | Hume Coll. |
| 3. | Kotgarh, Himalayas, 8th May. | Hume Coll. |
| 7. | Kotgarh, 15th May. | Hume Coll. |
| 1. | Kotgarh, 24th May. | Hume Coll. |
| 2. | Kotgarh, 14th June. | Hume Coll. |
| 2. | Kotgarh, 15th June. | Hume Coll. |
| 5. | Kotgarh, 22nd June. | Hume Coll. |
| 4. | Kotgarh, 4th July. | Hume Coll. |
| 2. | Simla, 16th June (*W. Davison*). | Hume Coll. |
| 4. | Mussoori (*T. Hutton*). | Hume Coll. |
| 1. | Almora, 9th June. | Hume Coll. |
| 1. | Almora, 9th May (*W. E. Brooks: Tristram Coll.*). | Crowley Bequest. |
| 1. | Darjiling. | Crowley Bequest. |

## **Otocompsa leucotis** (*Gould*).

Pycnonotus leucotis, *Sharpe, Cat. Birds B. M.* vi. p. 136 (1881); *id. Ibis*, 1891, p. 110; *Nehrk. Kat. Eiersamml.* p. 44 (1899).
Molpastes leucotis, *Oates, Fauna Brit. Ind., Birds*, i. p. 273 (1889); *id. ed. Hume, Nests & Eggs Ind. Birds*, i. p. 177 (1889).
Otocompsa leucotis, *Sharpe, Hand-l.* iii. p. 333 (1901).

The eggs of the White-eared Bulbul, of which there is a very large series in the Collection, are almost entirely of the speckled type of egg of *Molpastes fuscus*, the absence of all blotches and coarse markings being very noticeable. They measure from ·66 to ·9 in length, and from ·53 to ·65 in breadth.

| | | |
|---|---|---|
| 5. | Fao, Persian Gulf. | W. D. Cumming, Esq. [P.]. |
| 1. | Jask, Gulf of Oman, 23rd March. | S. Butcher, Esq. [P.]. |
| 3. | Jask, 29th March. | S. Butcher, Esq. [P.]. |
| 1. | Punjab. | Prof. Oldham [P.]. |
| 4. | Hansi, Punjab (*W. Blewitt*). | Hume Coll. |
| 1. | Hansi, 11th April (*W. B.*). | Hume Coll. |
| 2. | Hansi, 1st May (*W. B.*). | Hume Coll. |
| 2. | Hansi, 27th May (*W. B.*). | Hume Coll. |
| 2. | Hansi, 10th June (*W. B.*). | Hume Coll. |
| 5. | Hansi, July (*W. B.*). | Hume Coll. |
| 1. | Hansi, Aug. (*W. B.*). | Hume Coll. |
| 1. | Hansi, 7th Sept. | Hume Coll. |
| 2. | Delhi, 25th May (*C. T. Bingham*). | Hume Coll. |
| 2. | N.W. Provinces (*W. E. Brooks: Tristram Coll.*). | Crowley Bequest. |
| 8. | Sind (*J. H. Gould*). | Gould Coll. |
| 35. | Eastern Narra, Sind (*S. Doig*). | Hume Coll. |
| 1. | Sambhur, 22nd June (*R. M. Adam*). | Hume Coll. |

### **Otocompsa flaviventris** (*Tickell*).

Otocompsa flaviventris, *Sharpe, Cat. Birds B. M.* vi. p. 161 (1881); *Oates, Fauna Brit. Ind., Birds*, i. p. 278 (1889); *id. ed. Hume, Nests & Eggs Ind. Birds*, i. p. 183 (1889); *Nehrk. Kat. Eiersamml.* p. 45 (1899); *Sharpe, Hand-l.* iii. p. 333 (1901).

The egg of the Black-crested Yellow Bulbul in the Collection is of a creamy-white colour, thickly mottled and speckled with red and lavender. It measures ·85 by ·6.

| | | |
|---|---|---|
| 1. | Thoungyin River, Tenasserim, 14th April (*C. T. Bingham*). | Hume Coll. |

## Genus **SPIZIXUS**, *Blyth*.

### **Spizixus cinereicapillus**, *Swinh*.

(Plate X. fig. 20.)

Spizixus cinereicapillus, *Swinhoe, P. Z. S.* 1871, p. 370; *Sharpe, Cat. Birds B. M.* vi. p. 173 (1881); *id. Hand-l.* iii. p. 335 (1901).

An egg which is said to be that of the Formosan Finch-billed Bulbul is of an extremely broad oval form, and nearly devoid of all gloss. It is of a pale pink colour, very densely mottled all over with purplish red and lilac. It measures ·9 by ·7.

| | | |
|---|---|---|
| 1. | Formosa (*R. Swinhoe: Tristram Coll.*). | Crowley Bequest. |

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8. *Caprimulgus macrurus.*
9. ,, *manillensis.*
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13. *Nyctibius jamaicensis.*
14. *Caprimulgus jotaka.*
15. *Lyncornis cerviniceps.*

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11. *Pharomacrus auriceps.*
12. *Guira guira.*
13. }
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15. *Coccyzus melanocoryphus.*
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17. }
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12. „ *poliocephalum.*
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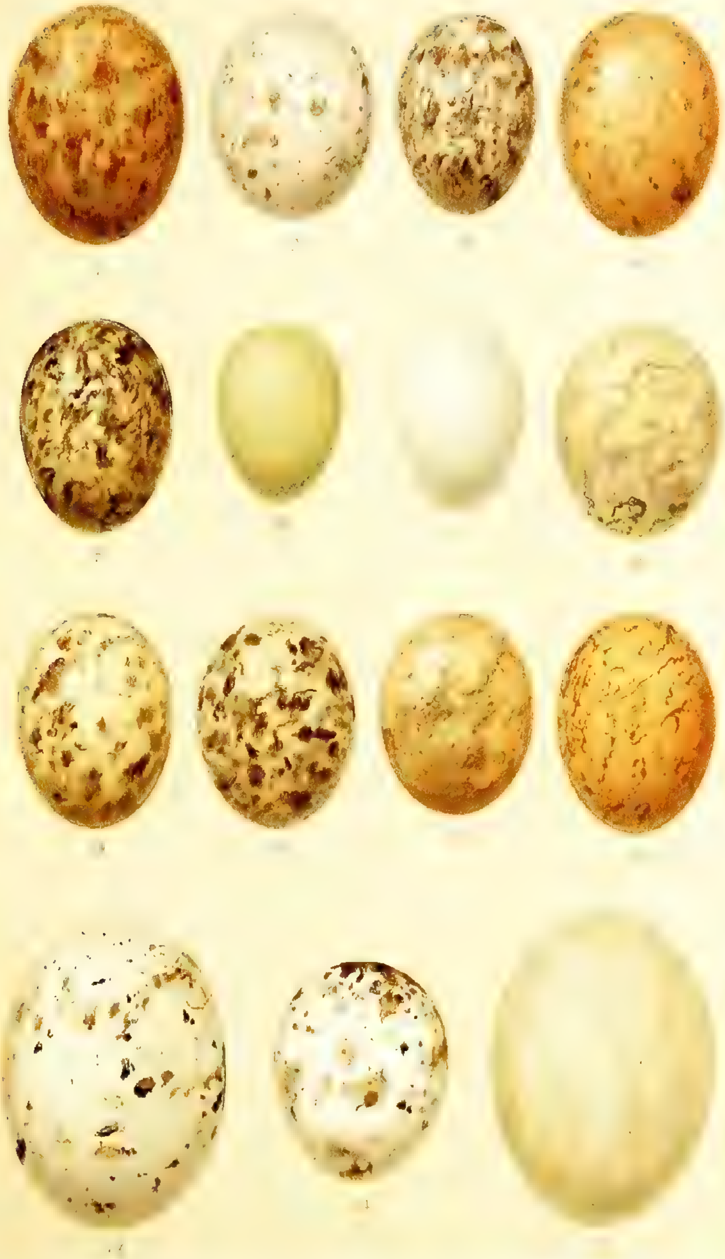

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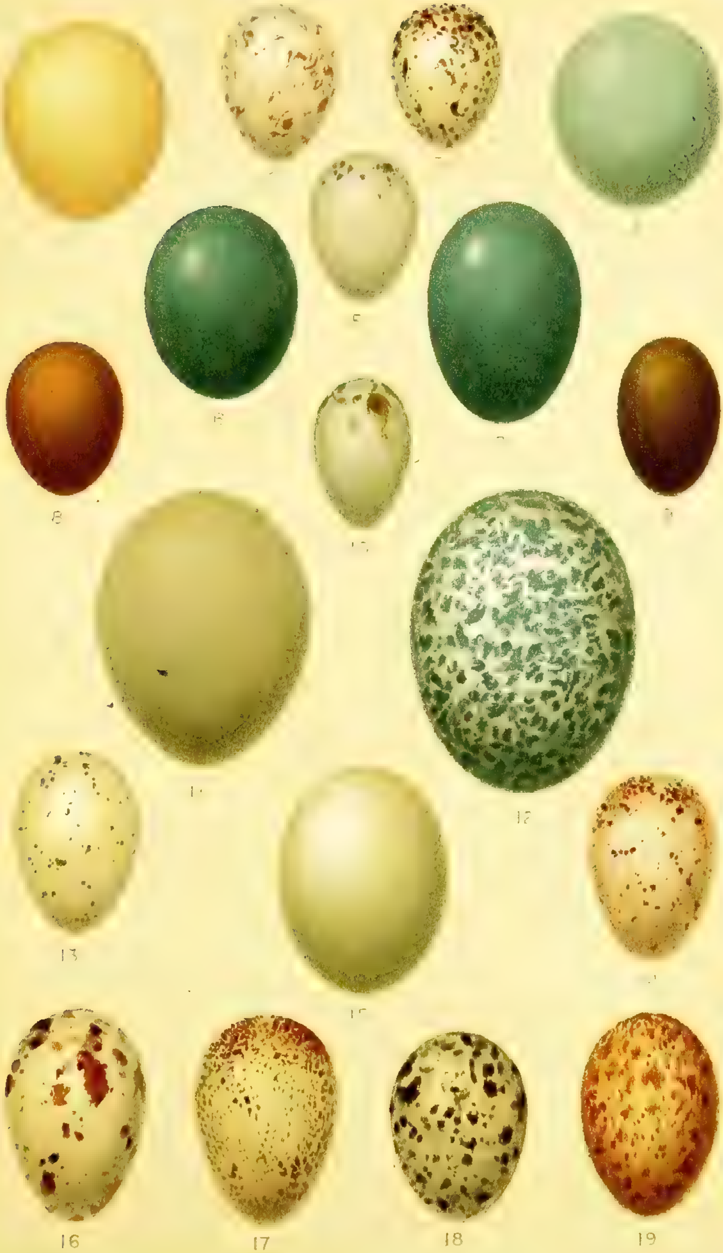

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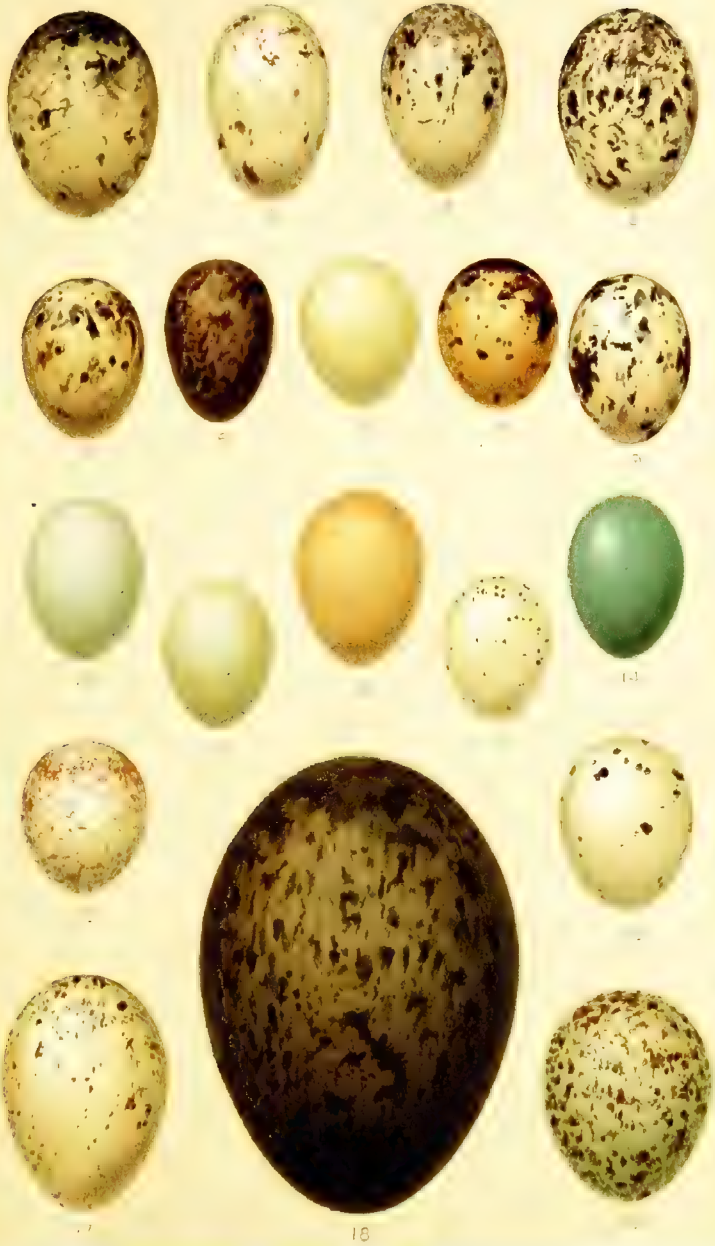

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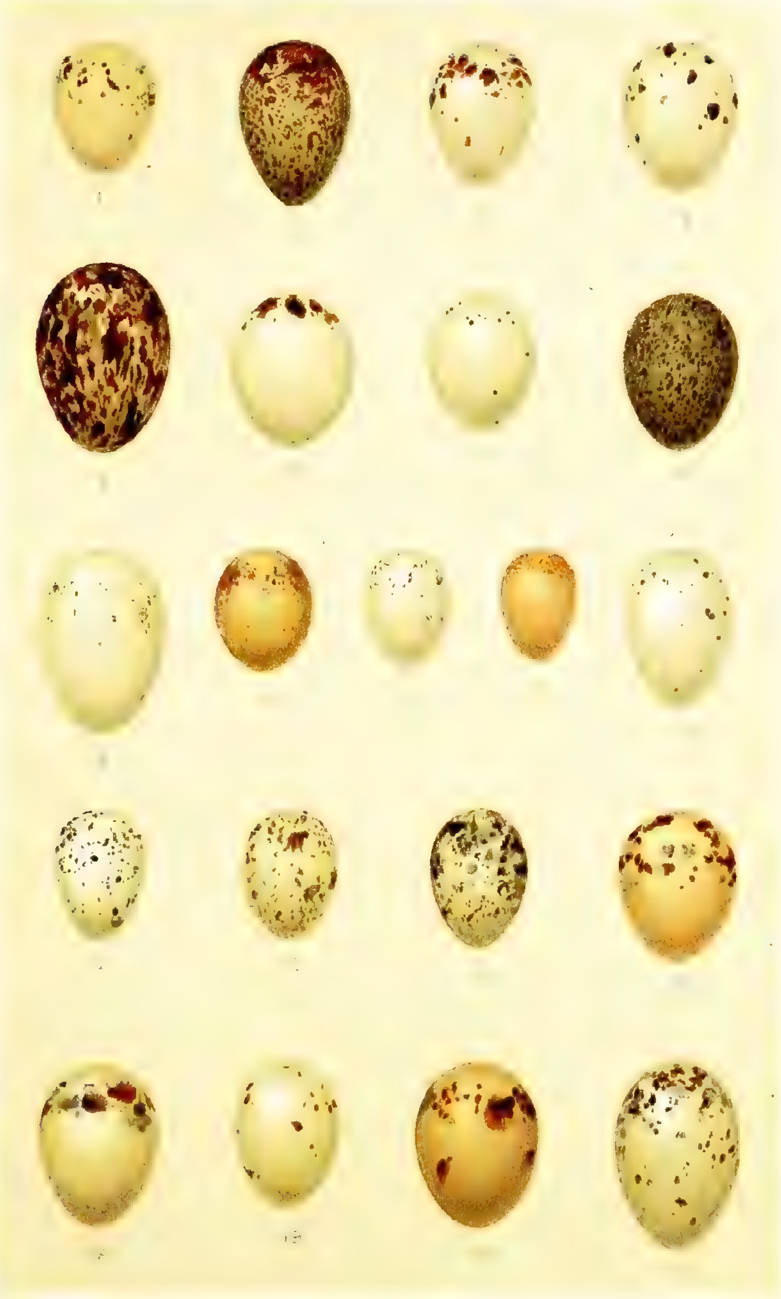

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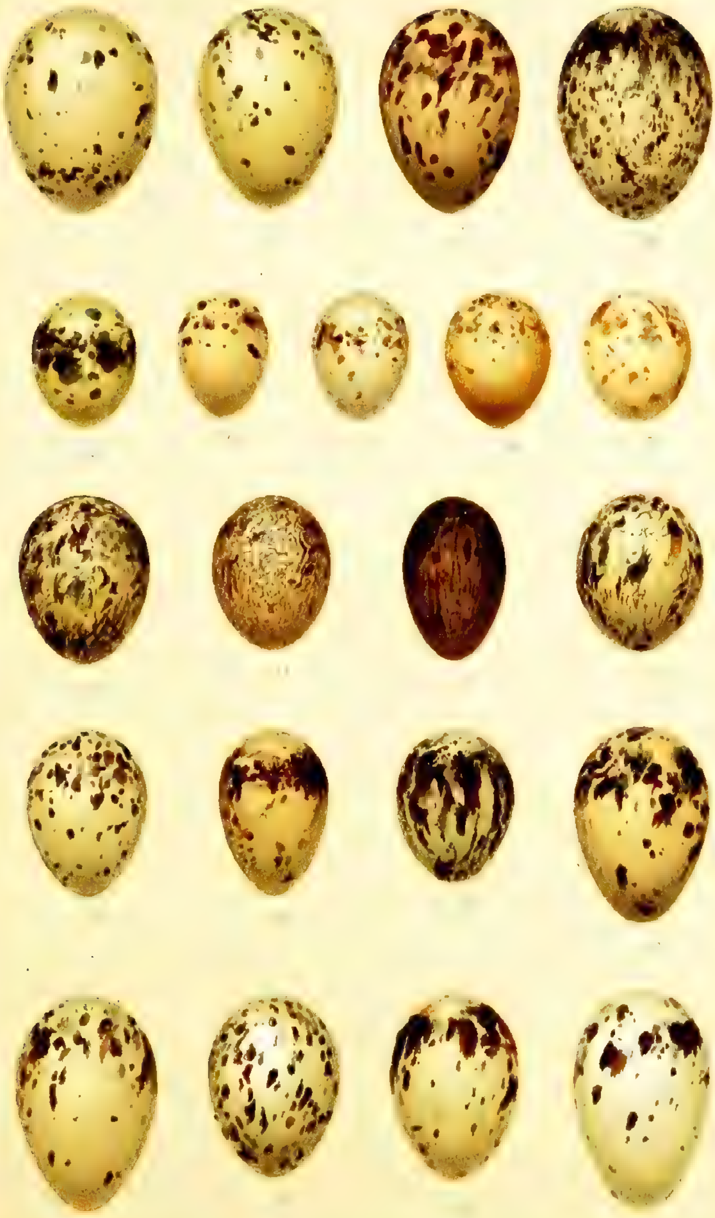

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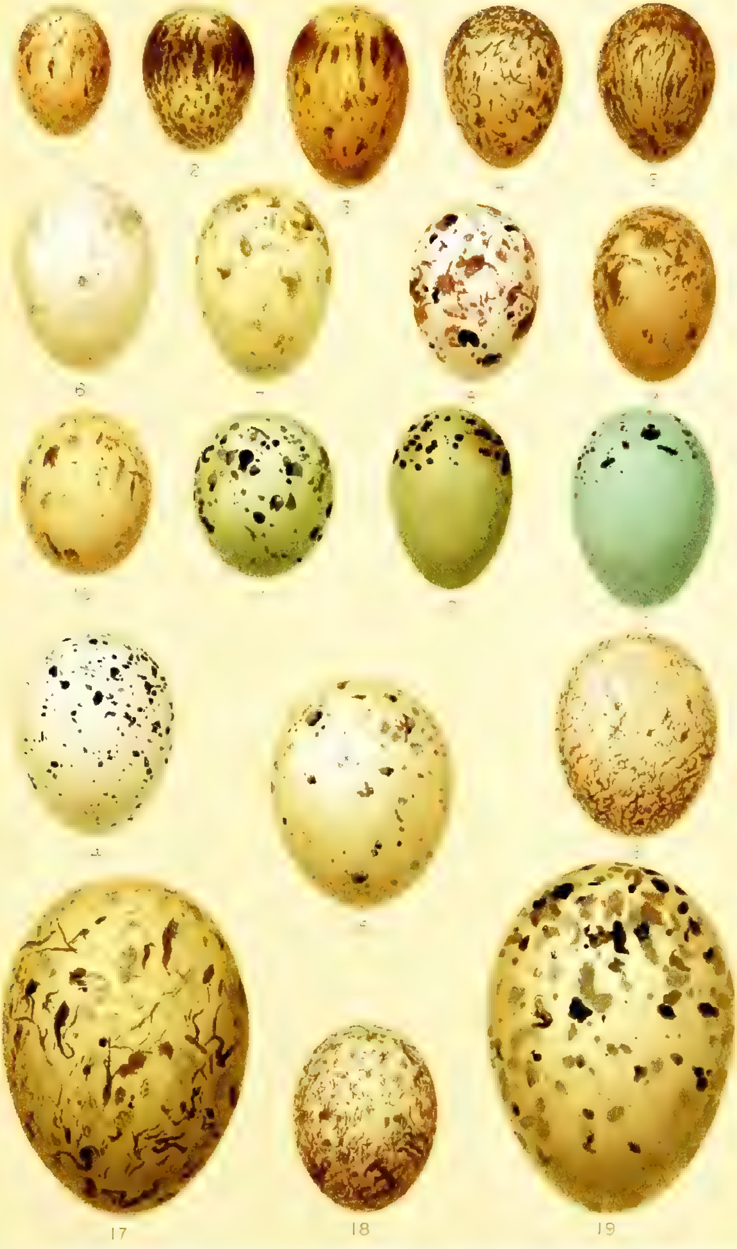

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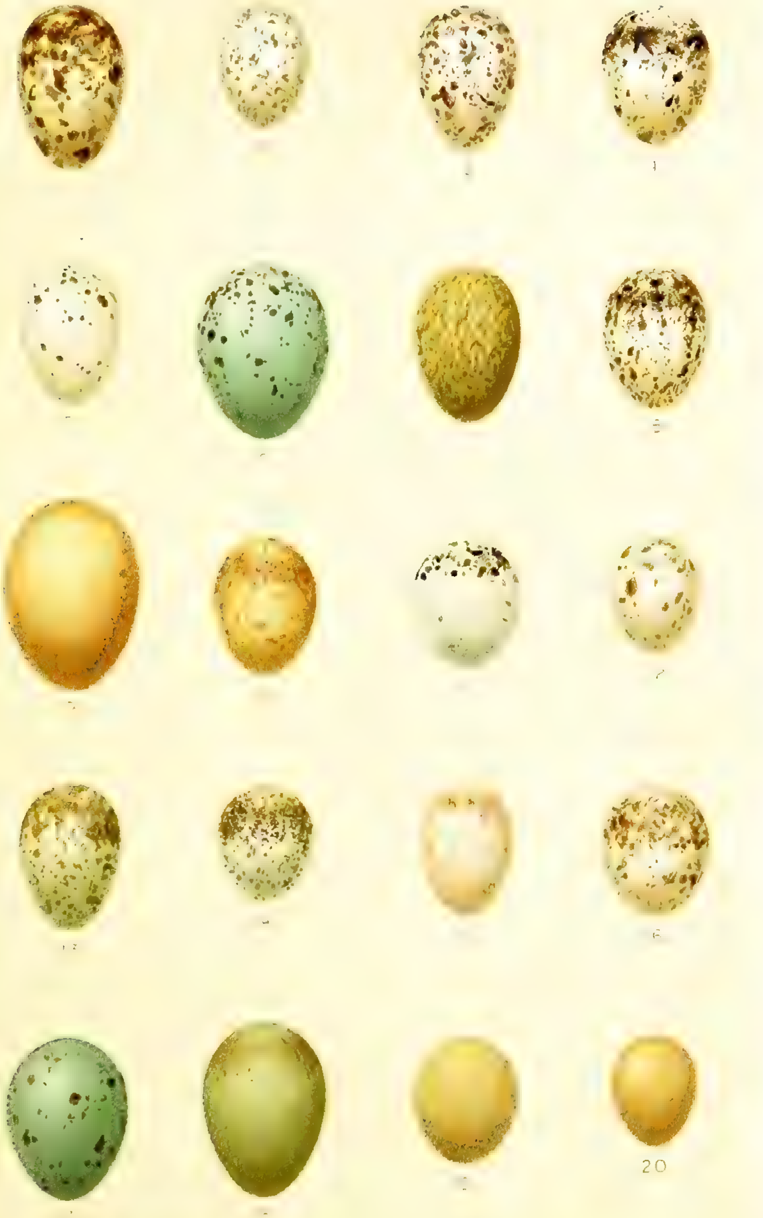

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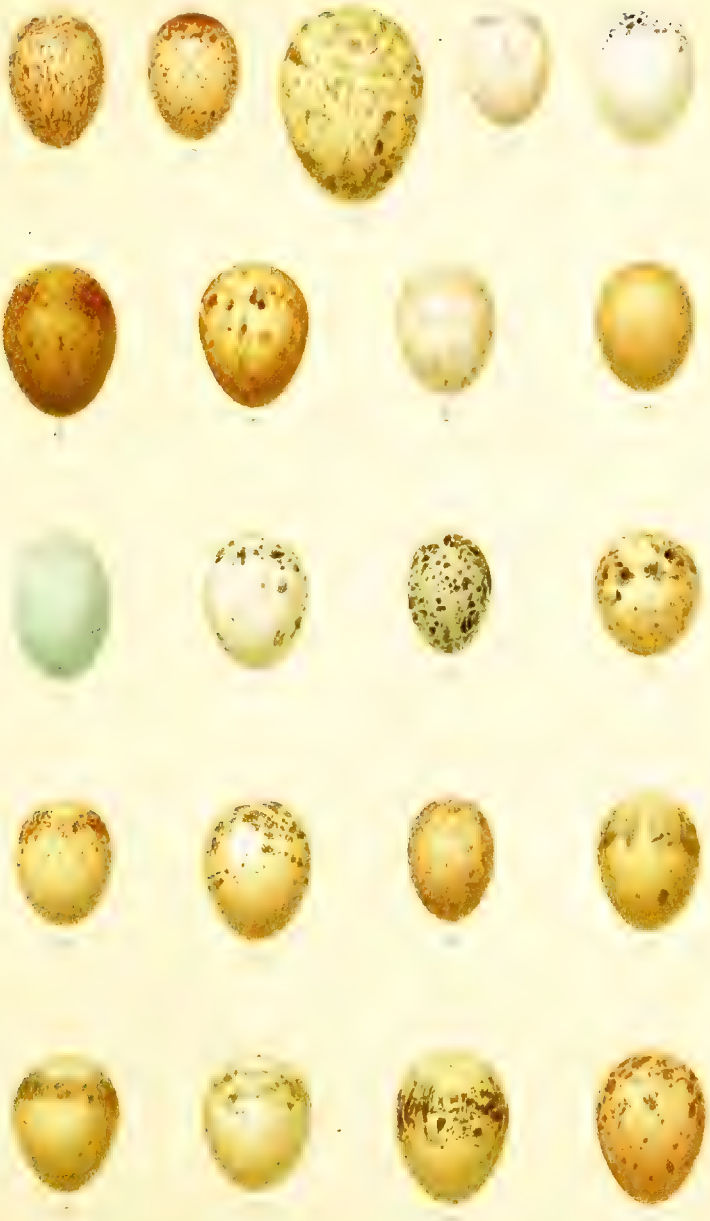

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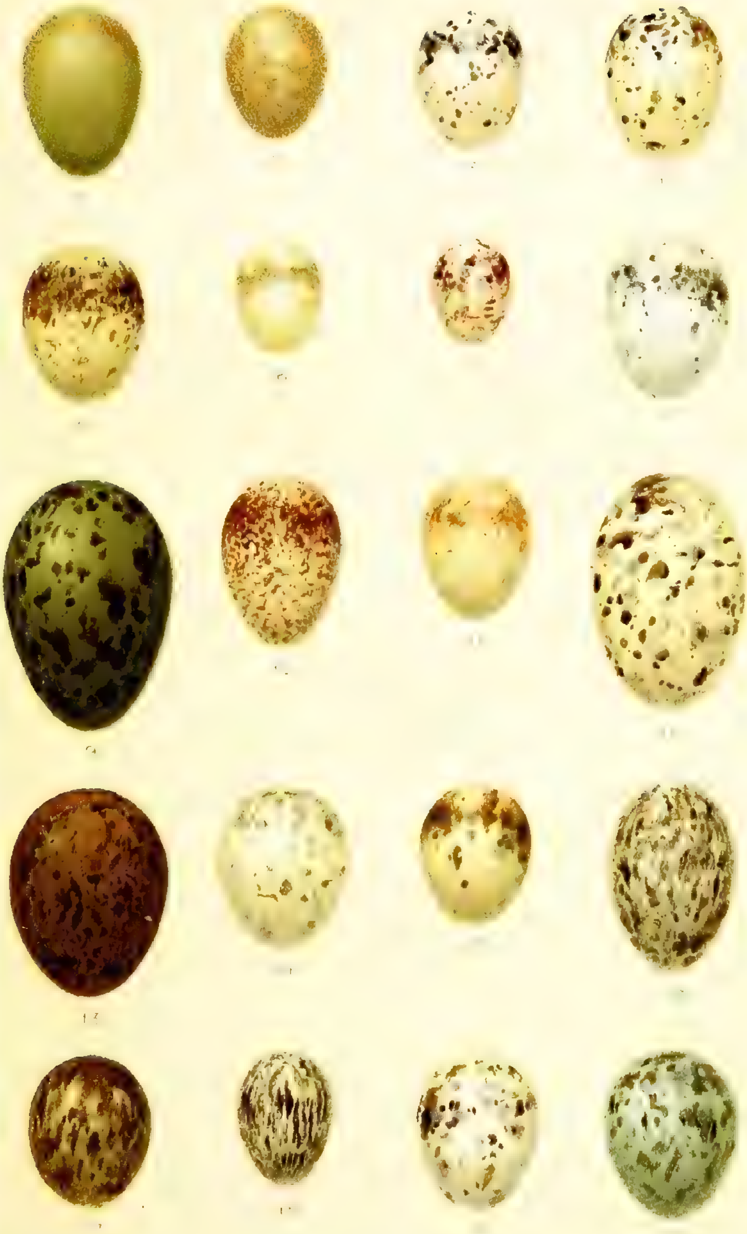

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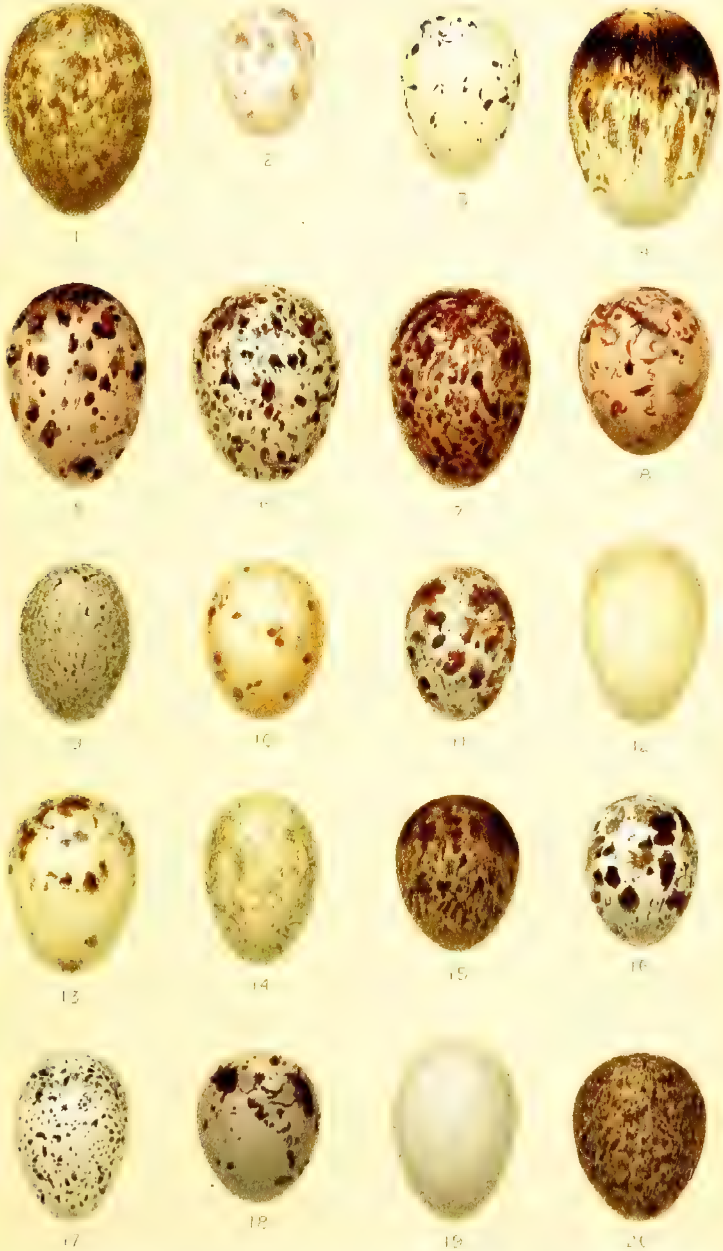

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An Introduction to the Study of Minerals, with a Guide to the Mineral Gallery of the British Museum (Natural History). By L. Fletcher, M.A., F.R.S. Pp. 123. 41 Woodcuts. With Plan of the Mineral Gallery and Index. 1897, 8vo. 6*d.*

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